Appendix A

Groundwater Monitoring Data and Elevation Trends

A1. Monitor Construction Details

A2. Routine Groundwater Elevations

A3. Collection System Elevations (C and D Series Monitors)

A4. Detailed Bedrock and Lower Till Elevations

A5. Detailed Leachate Elevations Groundwater Elevation Trends (Figures A1 – A6)

A1: Monitor Construction Details

Borehole		Monitor				Monitor Installation Details			
Monitor	Diameter (mm)	Type	Diameter (mm)	Stick Up (m)	Elevation (mASL)	Screened Interval (m)	Filter Pack (m)	Sealed Interval (m)	Backfilled Interval (m)
2-I		P	32	0.66	343.75	9.8 - 10.4	-	0.1 - 0.3 -	- -
2-II		S	32	0.37	343.50	0.2 - 4.6	-	0.1 - 0.2 -	- -
3-I		S	32	0.79	344.35	0.3 - 6.1	-	0.1 - 0.3 -	- -
4-IR		P	50	0.76	346.17	19.4 - 20.9	19.10 - 20.90	0.0 - 19.1 -	- -
4-II		P	32	0.54	345.90	13.6 - 14.0	-	11.3 - 12.2 -	- -
4-IIR	203	P	51	0.82	345.93	11.9 - 13.7	11.90 - 13.70	0.0 - 11.9 -	- -
4-IIIR		S	50	0.76	345.97	1.1 - 4.1	0.60 - 4.10	0.0 - 0.6 -	- -
5-I		P	50	0.33	346.11	19.5 - 20.0	-	0.0 - 5.2 -	- -
5-II		S	50	0.63	346.63	1.7 - 7.8	-	0.0 - 1.0 -	- -
5-III	96	P	51	0.76	346.96	19.8 - 21.3	19.78 - 25.02	21.3 - 32.5 0 - 25.02	- -
7-I		P	50	0.56	344.53	10.2 - 10.7	-	9.8 - 10.1 -	- -
7-II		S	32	0.43	344.40	0.8 - 6.9	-	0.0 - 0.5 -	- -
8-I		P	50	0.59	344.26	9.9 - 10.3	-	7.0 - 9.6 -	- -
8-II		S	32	0.54	344.21	0.3 - 6.4	-	0.0 - 0.3 -	- -
9A-I	101	P	98	0.60	344.38	25.1 - 25.9	25.00 - 25.90	23.8 - 25.0 -	0.00 - 23.80 -
9-I	203.2	P	49	0.35	344.02	5.5 - 6.8	5.38 - 7.97	2.0 - 5.4 -	0.35 - 2.03 -
9-II	203.2	S	49	0.50	344.16	0.1 - 2.8	0.25 - 3.12	- -	0.00 - 0.25 -
10-I	203.2	P	49	0.35	343.84	4.5 - 5.7	-	0.0 - 4.4 -	4.42 - 6.10 -
10-II	203.2	P	49	0.35	343.79	3.0 - 3.6	2.59 - 3.81	0.0 - 2.6 -	- -
10-III	203.2	S	49	0.41	343.82	0.3 - 1.5	0.25 - 1.78	- -	0.00 - 0.25 -
11-I	203.2	P	49	0.40	345.80	4.6 - 5.8	4.18 - 6.10	3.9 - 4.2 -	3.00 - 3.88 -
11-II	203.2	S	49	0.43	345.84	0.2 - 2.9	0.00 - 3.22	- -	- -
11-III	203.2	P	51	0.74	346.56	17.0 - 18.5	16.55 - 18.52	0.0 - 16.6 -	- -
12-I	203.2	P	49	0.57	345.34	5.5 - 6.7	5.44 - 7.04	4.7 - 5.4 -	0.15 - 4.70 -
12-II	203.2	P	49	0.58	345.34	3.2 - 3.8	3.10 - 3.78	1.5 - 3.1 -	0.30 - 1.52 -
12-III	203.2	S	49	0.55	345.43	0.9 - 2.1	0.30 - 2.29	0.0 - 0.3 -	- -
13-I	76	P	49	0.30	344.63	24.4 - 25.6	23.47 - 25.91	0.0 - 23.5 -	- -
13-II	203.2	P	49	0.48	344.81	19.5 - 20.1	19.00 - 20.09	0.0 - 19.0 -	- -
13-III	203.2	P	49	0.58	344.98	7.6 - 8.8	7.47 - 9.09	6.4 - 7.5 -	5.94 - 6.40 -
13-IV	203.2	P	49	0.55	344.84	4.1 - 5.3	3.96 - 5.59	0.3 - 4.0 -	- -
13-V	203.2	S	49	0.52	344.84	0.1 - 2.2	0.10 - 2.24	- -	- -
14-I	203.2	P	49	0.50	344.66	7.6 - 8.8	7.26 - 9.14	0.0 - 7.3 -	- -
14-II	203.2	P	49	0.47	344.67	4.5 - 5.1	4.14 - 5.13	0.0 - 4.1 -	- -
14-III	203.2	S	49	0.59	344.66	0.1 - 2.3	0.15 - 2.29	0.0 - 0.1 -	- -

A1: Monitor Construction Details

Borehole		Monitor				Monitor Installation Details			
Monitor	Diameter (mm)	Type	Diameter (mm)	Stick Up (m)	Elevation (mASL)	Screened Interval (m)	Filter Pack (m)	Sealed Interval (m)	Backfilled Interval (m)
14-IV	96	P	51	0.76	344.66	25.6 - 27.1	25.63 - 25.02	27.1 - 34.0 0 - 25.02	- -
15-I	76	P	49	0.40	344.43	25.9 - 27.1	24.99 - 27.43	0.0 - 25.0 -	- -
15-II	73	P	49	0.54	344.55	19.8 - 21.0	19.20 - 21.94	0.0 - 19.2 -	- -
15-III	203.2	P	49	0.20	344.18	9.0 - 10.2	8.48 - 10.67	0.0 - 8.5 -	- -
15-IV	203.2	P	49	0.47	344.43	5.6 - 6.8	5.44 - 7.31	0.0 - 5.4 -	- -
15-V	203.2	S	49	0.26	344.27	0.1 - 2.3	0.13 - 2.26	0.0 - 0.1 -	- -
16-I	203.2	P	49	0.58	344.34	13.0 - 15.1	12.60 - 15.11	0.0 - 12.6 -	- -
16-II	203.2	P	49	0.58	344.52	7.8 - 8.4	7.47 - 8.38	6.9 - 7.5 -	3.66 - 6.86 -
16-III	203.2	P	49	0.47	344.38	5.8 - 6.4	5.18 - 6.40	0.0 - 5.2 -	- -
16-IV	203.2	P	49	0.57	344.44	3.8 - 4.4	3.76 - 4.57	2.1 - 3.8 -	0.30 - 2.13 -
16-V	203.2	S	49	0.43	344.46	0.3 - 2.4	0.15 - 2.44	- -	- -
16-VI	203.2	P	49	0.76	344.63	17.6 - 19.2	17.07 - 19.20	0.0 - 17.1 -	- -
16-VII	96	P	51	0.76	344.22	25.5 - 27.0	25.48 - 19.47	27.0 - 33.8 0 - 19.47	- -
16-VIII	200	P	150	0.60	344.11	40.0 - 54.9	-	- 0 - 40	- -
17-I	76	P	49	0.42	346.64	24.4 - 25.6	23.46 - 25.90	0.0 - 23.5 -	- -
17-II	73	P	49	0.50	346.97	18.6 - 19.2	17.83 - 19.20	0.0 - 17.8 -	- -
17-III	203.2	P	49	0.27	346.43	5.9 - 7.1	5.84 - 7.42	2.0 - 5.8 -	0.00 - 2.00 -
17-IV	203.2	S	49	0.64	346.88	0.5 - 4.2	1.22 - 4.20	- -	0.00 - 1.22 -
18-I	203.2	P	49	0.63	344.26	8.4 - 9.6	8.92 - 9.91	8.3 - 8.9 -	2.80 - 8.32 -
18-II	203	P	49	0.46	344.10	4.5 - 5.7	4.37 - 5.97	3.6 - 4.4 -	3.00 - 3.60 -
18-III	203.2	S	49	0.63	344.22	0.1 - 2.9	0.15 - 2.88	- -	- -
18-IV	203.2	S	49	0.40	344.12	0.5 - 1.7	0.30 - 2.00	- -	- -
19-I	76	P	49	0.34	349.70	24.6 - 25.8	23.77 - 26.14	1.0 - 23.8 -	- -
19-II	127	P	49	0.41	349.76	19.8 - 21.0	19.20 - 21.34	5.8 - 19.2 -	0.30 - 5.79 -
19-III	127	P	49	0.46	349.78	13.7 - 15.0	12.95 - 15.24	7.7 - 13.0 -	0.30 - 7.71 -
19-IV	127	S	49	0.46	349.76	6.1 - 8.8	2.68 - 9.14	0.0 - 0.3 -	0.30 - 2.68 -
20-I	76	P	49	0.45	345.71	17.6 - 18.8	16.77 - 19.13	0.0 - 16.8 -	- -
20-II	191	P	49	0.56	345.70	13.9 - 15.1	13.72 - 15.39	0.0 - 12.8 -	12.80 - 13.72 -
20-III	203.2	P	49	0.54	345.73	9.5 - 10.7	9.60 - 10.97	0.0 - 9.6 -	- -
20-IV	127	S	49	0.57	345.76	0.0 - 4.3	0.30 - 4.57	0.0 - 0.3 -	- -
21-I	175	P	50	0.40	348.59	11.0 - 12.5	10.90 - 12.50	8.5 - 10.9 0.2 - 7	7.00 - 8.50 -
21-II	175	P	50	0.40	348.60	7.0 - 8.5	-	4.0 - 6.4 -	6.40 - 9.00 0.15 - 4
21-III	175	S	50	0.50	348.66	0.2 - 4.8	0.20 - 4.80	- -	- -
22-I	175	P	50	0.50	345.75	7.9 - 9.4	7.70 - 9.40	6.6 - 7.7 -	0.00 - 6.60 -

A1: Monitor Construction Details

Borehole		Monitor				Monitor Installation Details			
Monitor	Diameter (mm)	Type	Diameter (mm)	Stick Up (m)	Elevation (mASL)	Screened Interval (m)	Filter Pack (m)	Sealed Interval (m)	Backfilled Interval (m)
22-II	175	S	50	0.30	345.52	0.6 - 5.3	0.20 - 5.30	-	-
23-I	175	P	50	0.60	345.74	8.5 - 10.0	8.40 - 10.00	5.0 - 8.4	0.30 - 5.00
23-II	175	S	50	0.60	345.73	3.2 - 4.7	0.60 - 5.00	0.0 - 0.6	5.40 - 9.60
26-I	38	S	25	0.92	344.00	0.8 - 2.3	-	-	0.00 - 2.28
26-II	38	S	25	0.41	344.00	0.0 - 1.2	-	-	0.00 - 1.20
27-I	38	S	25	0.87	344.39	0.8 - 2.4	-	-	0.00 - 2.40
27-II	38	S	25	0.54	344.39	0.0 - 1.6	-	-	0.00 - 1.60
28-I	38	S	25	0.91	343.97	0.8 - 2.3	-	-	0.00 - 2.29
28-II	38	S	25	0.32	343.97	0.0 - 1.2	-	-	0.00 - 1.20
29-I	32	S	32	0.10	344.08	0.1 - 2.1	-	-	0.00 - 2.10
30-I	38	S	25	0.94	346.17	0.6 - 2.3	-	-	0.00 - 2.26
31-I	38	S	25	0.91	344.65	0.6 - 2.3	-	-	0.00 - 2.29
32-I	38	S	25	0.78	344.52	0.8 - 2.5	-	-	0.00 - 2.50
33-I	38	S	25	0.76	344.36	0.8 - 2.5	-	-	0.00 - 2.50
34-I	38	S	25	1.07	344.53	0.6 - 2.2	-	-	0.00 - 2.20
35-I	38	S	25	1.00	343.75	5.6 - 5.9	-	-	0.00 - 3.90
35-II	38	S	25	1.34	344.13	0.2 - 1.9	-	-	0.00 - 1.86
36-I	101	P	50	0.90	345.98	21.9 - 23.4	21.20 - 23.40	20.0 - 21.2	0.00 - 20.00
37-I	101	P	98			24.4 - 33.7	-	0.0 - 24.4	-
37-II	101	P	98		346.30	23.0 - 27.5	-	0.0 - 23.0	-
50-I	203	P	51	0.90	361.89	39.8 - 41.2	38.60 - 41.90	0.0 - 38.6	-
53-I	96	P	51	0.76	344.41	21.0 - 22.6	20.60 - 22.60	0.0 - 20.6	-
53-II	203	P	51	0.76	344.31	13.9 - 15.4	13.45 - 15.39	0.0 - 13.5	-
53-IIR	203	P	51	1.02	344.40	13.7 - 15.2	13.40 - 15.20	0.0 - 13.4	-
54-I	96	P	51	0.76	354.06	25.9 - 27.4	25.60 - 27.40	0.0 - 25.6	-
60-I	203	P	51	0.76	346.74	13.3 - 14.8	13.00 - 14.83	14.8 - 15.4 0 - 13	-
60-II	203	P	51	0.76	346.84	10.7 - 12.2	10.39 - 12.19	0.0 - 10.4	-
60-III	203	S	51	0.76	346.79	0.6 - 5.2	0.30 - 5.18	0.0 - 0.3	-
90-I	200	P	150	0.60	355.82	51.2 - 67.1	-	0 - 51.2	-
90-II	96	P	51	0.76	355.46	31.4 - 32.9	31.42 - 30.81	32.9 - 38.6 0 - 30.81	-
91-I	96	P	51	0.76	351.16	25.5 - 27.0	25.47 - 24.86	27.0 - 41.6 0 - 24.86	-
92-I	96	P	51	0.83	349.56	32.0 - 33.5	31.98 - 31.37	33.5 - 40.5 0 - 31.37	-
93-I	203	P	51	0.80	345.99	24.2 - 28.7	23.47 - 28.73	0.0 - 23.5	-
94-I	203	P	51	0.83	345.07	20.9 - 25.2	20.55 - 25.20	0.0 - 20.6	-

A1: Monitor Construction Details

Borehole		Monitor				Monitor Installation Details			
Monitor	Diameter (mm)	Type	Diameter (mm)	Stick Up (m)	Elevation (mASL)	Screened Interval (m)	Filter Pack (m)	Sealed Interval (m)	Backfilled Interval (m)
95-I	203	P	51	0.71	358.86	36.5 - 41.4	35.97 - 41.40	0.0 - 36.0	-
C1-I	203	P	51	0.84	344.78	11.3 - 12.8	10.52 - 11.73	0.0 - 10.4	11.73 - 14.15
C1-II	203	S	51	0.78	344.63	0.8 - 3.8	0.40 - 3.05	0.0 - 0.4	3.05 - 4.27
C2-I	203	P	51	0.74	344.36	7.5 - 9.0	7.16 - 7.92	0.0 - 7.0	7.92 - 9.42
C2-II	203	S	51	0.72	344.37	0.9 - 3.7	0.76 - 2.44	0.0 - 0.8	2.44 - 4.27
C3-I	203	S	51	0.74	344.68	1.4 - 4.4	0.46 - 3.05	0.0 - 0.5	3.05 - 5.03
C5-I	203	S	51	0.55	346.84	2.5 - 5.5	2.03 - 4.57	0.0 - 0.5	4.57 - 6.55
C6-I	203	P	51	0.73	345.65	10.0 - 11.5	8.89 - 10.67	0.0 - 0.3	10.67 - 12.77 0.3 - 2.52
C6-II	203	S	51	0.71	345.67	1.5 - 4.6	0.91 - 3.35	0.0 - 0.3	3.35 - 4.57 0.3 - 0.91
C7-I	203	S	51	0.82	345.53	1.5 - 4.6	1.22 - 2.98	0.0 - 0.3	2.98 - 5.03
C8-I	203	S	51	0.80	345.82	1.4 - 4.4	0.91 - 3.05	0.8 - 0.9 0 - 0.3	3.05 - 5.03 0.3 - 0.76
C9-I	203	P	51	0.74	345.03	5.8 - 7.3	5.18 - 6.10	0.0 - 5.2	6.10 - 7.90
C9-II	203	S	51	0.75	345.06	1.2 - 4.3	0.18 - 3.35	0.0 - 0.8	3.35 - 4.32
C10-I	203	P	51	0.72	345.02	6.9 - 8.5	-	0.0 - 6.1	6.10 - 8.76
C10-II	203	S	51	0.74	344.82	1.5 - 4.6	1.22 - 3.05	0.9 - 1.2 0 - 0.22	3.05 - 4.57 0.22 - 0.91
C11-I	203	P	51	0.70	344.88	5.9 - 7.4	-	0.0 - 5.1	5.11 - 7.87
C11-II	203	S	51	0.75	344.94	1.2 - 4.3	0.76 - 2.74	0.0 - 0.8	2.74 - 4.27
C12-I	203	S	51	0.79	345.41	1.3 - 4.3	0.76 - 3.05	0.0 - 0.8	3.05 - 5.03
C13-I	203	S	51	0.74	345.51	1.3 - 4.4	0.76 - 3.05	0.0 - 0.8	3.05 - 5.03
C14-I	203	S	51	0.76	345.97	1.1 - 4.1	0.61 - 4.10	0.0 - 0.6	-
D1-I	203	S	51	0.75	345.46	1.4 - 4.4	0.53 - 3.96	0.0 - 0.5	3.96 - 5.03
D2-I	203	S	51	0.57	346.00	2.4 - 5.4	1.52 - 4.52	0.0 - 1.5	4.52 - 5.79
D3-I	203	S	51	0.72	344.62	2.3 - 5.4	1.52 - 3.51	1.2 - 1.5 0 - 0.3	3.51 - 5.63 0.3 - 1.2
D4-I	203	S	51	0.76	344.65	1.2 - 4.3	0.91 - 3.05	0.0 - 0.9	3.05 - 4.57
D5-I	203	S	51	0.63	345.96	1.0 - 4.8	0.61 - 4.81	0.0 - 0.6	-
1-I		S	32	0.76	356.04	4.3 - 16.6	-	0.9 - 1.2	-
1-IR	203	P	51	0.76	370.70	28.1 - 29.7	27.76 - 30.20	0.0 - 27.8	-
51-I	203	S	51	0.76	365.80	7.3 - 22.6	-	0.0 - 0.9	0.90 - 25.55
51-II	203	P	51	0.77	365.87	23.6 - 26.7	27.28 - 23.24	10.0 - 23.2 0 - 0.3	0.30 - 10.00
52-I	203	S	51	0.76	362.13	8.2 - 20.4	-	0.0 - 1.0	1.00 - 20.50
55-I	203	P	51	0.76	355.06	11.2 - 15.8	11.00 - 15.80	0.0 - 11.0	15.80 - 17.06
56-I	203	P	51	0.76	354.34	12.0 - 18.1	11.40 - 18.05	0.0 - 11.4	18.05 - 18.95
57-I	203	P	51	0.76	360.66	18.5 - 26.1	17.70 - 26.10	12.0 - 17.7 0 - 0.3	26.10 - 27.28 0.3 - 12
58-I	203	P	51	0.92	360.98	20.4 - 18.9	20.42 - 18.00	18.0 - 17.4	20.42 - 21.18 0 - 17.45

A1: Monitor Construction Details

Borehole		Monitor				Monitor Installation Details			
Monitor	Diameter (mm)	Type	Diameter (mm)	Stick Up (m)	Elevation (mASL)	Screened Interval (m)	Filter Pack (m)	Sealed Interval (m)	Backfilled Interval (m)
59-I	203	S	51	0.76	362.63	10.8 - 20.0	11.00 - 19.97	0.0 - 0.6 -	19.97 - 20.73 0.6 - 11
61-I	203	P	51	0.76	365.44	23.8 - 25.3	23.10 - 35.30	25.3 - 26.5 0 - 23.1	- -
61-IR	203	P	51	0.52	363.59	25.1 - 26.7	24.70 - 26.70	0.0 - 24.7 -	- -
62-I	203	S	51	0.90	361.97	8.3 - 15.9	8.45 - 15.92	0.0 - 1.5 -	1.52 - 8.45 -
63-I	203	P	51	0.76	359.76	15.1 - 16.6	14.78 - 17.98	0.0 - 14.8 -	- -
64-I	203	S	51	0.76	347.66	10.3 - 13.4	9.75 - 13.39	8.8 - 9.8 0 - 0.61	0.61 - 8.84 -
65-I	203	S	51	0.76	353.41	5.7 - 10.3	5.44 - 10.26	0.0 - 0.9 -	0.91 - 5.40 -
66-I	203	P	51	0.76	362.00	14.3 - 19.6	13.51 - 19.61	12.7 - 13.5 -	0.91 - 12.70 -
66-IR	203	P	51	0.87	368.09	19.1 - 20.6	18.40 - 20.60	0.0 - 18.4 -	- -
67-I	203	S	51	0.95	362.34	16.2 - 20.7	15.57 - 20.73	15.1 - 15.6 0 - 0.91	0.91 - 15.09 -
68-I	203	S	51	0.76	353.28	10.7 - 12.2	10.36 - 12.19	10.0 - 10.4 0.91 - 0	0.91 - 9.75 -
69-I	203	S	51	0.76	352.42	11.7 - 14.8	10.09 - 15.09	0.0 - 10.9 -	- -

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	2-I	2-II	4-IR	4-II	4-IIR	4-IIIR	5-II	5-III	7-I	7-II	8-I	8-II	9A-I	9-I	9-II	10-I	10-II	10-III	11-I
Geologic Unit	Outwash	Outwash	Bedrock	Lower Till	Lower Till	Upper Till	Upper Till	Bedrock	Upper Till	Outwash	Upper Till	Upper Till	Bedrock	Outwash	Outwash	Upper Till	Outwash	Outwash	Upper Till
Date																			
28-Apr-92	339.43	341.87		342.12			342.60		343.83	343.94	343.36	344.02	341.00	342.01	341.86	342.86	342.86	342.87	343.82
14-Aug-92	341.94	342.17		343.65			345.34		343.85	343.95	343.19	343.95	341.12	342.29	342.11	342.99	342.86	343.02	344.16
10-Nov-92	341.88	341.87		344.11			345.37		343.91	344.01	343.55	344.09	341.42	342.12	341.81	343.09	342.94	343.02	343.80
22-Mar-93																			343.35
22-Apr-93	341.83	342.17	342.27	343.93		345.05	345.72		343.92	344.07	343.48	344.04	341.49	342.12	341.88	343.05	342.84	343.05	343.89
25-May-93			341.94																
08-Jun-93	341.98	341.57	342.01	343.50		344.44	344.63		343.75	343.83	343.08	343.66	341.28	341.62	341.46	342.84	342.70	342.94	343.43
23-Aug-93	341.65	341.42	340.80	342.61		343.80	344.29				342.30	342.59	340.59	341.20	341.12	342.46	342.28	342.46	343.07
26-Oct-93	341.88	341.62	341.11	342.85		344.12	344.57				342.59	343.30	340.86	341.52	341.40	342.75	342.59	342.69	343.32
16-Mar-94																			
20-Apr-94	342.06	341.85	341.83	343.64		344.74	345.44		343.86	343.93	343.47	344.09	341.24	342.09	341.93	343.02	342.95	343.04	344.13
18-Jun-94	341.73	341.55	341.38	343.15		344.25	344.64		Broken	Broken	343.04	343.81	340.87	341.56	341.40	342.64	342.46	342.63	343.31
24-Aug-94	341.33	341.28	340.63	342.30		343.39	343.87		343.26	343.27	342.43	342.88	340.44	341.20	341.14	342.12	341.97	342.94	343.15
26-Oct-94	341.60	341.22	340.57	341.86		342.28	343.20		343.31	343.40	342.05	342.55	340.20	341.21	341.19	341.94	341.79	342.34	342.07
18-Apr-95	341.87	341.65	341.58	343.45		344.52	344.76		343.86	344.00	343.14	343.89	340.94	341.76	341.59	342.76	342.61	342.91	343.50
16-Jun-95	341.78	341.59	341.46	343.26		344.24	344.68		343.51	343.53	343.04	343.58	340.87	341.63	341.44	342.59	342.41	342.66	343.53
21-Aug-95	341.77	341.64	341.17	343.11		344.29	344.49		343.54	343.66	342.85	343.32	340.88	341.62	341.47	342.64	342.46	342.68	343.69
13-Nov-95	342.02	342.45	341.59	343.65		344.92	345.64				343.52	344.07	341.14	342.19	341.93	341.92	342.78	342.85	344.48
15-Apr-96	341.81	341.93	341.62	343.58		344.79	345.68		343.86	344.13	343.40	344.28	341.13	342.07		342.90	342.76	343.12	343.95
13-Jun-96	341.95	341.90	342.05	343.71		344.75	345.53		343.91	343.92	343.41	344.29	341.37	342.15	341.91	342.91	342.74	342.97	344.04
15-Aug-96	341.85	341.79	341.40	343.12		344.08	344.51		343.40	343.60	342.70	343.30	340.99	341.77	341.63	342.49	342.44	342.43	343.22
12-Nov-96	341.96	341.80	341.82	343.63		344.57	345.26		343.46	343.95	343.20	343.74	341.21	341.97	341.78	342.87	342.69	342.94	343.83
21-Apr-97	341.79	341.77	342.07	343.73		344.43	345.23		343.91	343.96	343.50	343.65	342.43	342.16	342.85	342.98	342.65	342.97	343.97
09-Jun-97	341.83	341.67	341.66	343.35		344.18	344.73		343.70	343.50	343.08	343.64	341.24	341.77	341.52	342.68	342.54	342.77	343.54
18-Aug-97	341.71	341.64	340.87	342.47		343.23	343.55		DRY	343.36	342.05	341.90	340.60	341.35	341.18	342.14	341.97	342.37	342.91
10-Nov-97	341.97	341.89	341.20	342.67		343.52	344.05		343.59	343.39	342.50	343.48	340.85	341.93	341.80	342.57	342.43	342.57	343.39
14-Apr-98	341.88	341.70	341.89	343.68		344.36	345.28		343.80	343.82	343.89	343.35	341.20	342.04	341.70	342.77	342.60	342.90	343.71
10-Jun-98	341.70	341.49	341.04	343.77		343.95	344.25		343.53	343.44	343.75	343.40	340.73	341.47	341.26	342.33	342.18	342.49	343.14
10-Aug-98	341.47	341.34	340.58	342.55		343.53	343.71		342.70	343.03	342.39	342.99	340.43	341.27	341.16	342.02	341.86	342.37	342.99
09-Nov-98	341.08	341.06	340.00	341.34		341.46	341.99		Bent	342.73	340.71	341.25	339.90	340.96	Dry	341.34	341.20	Dry	342.58
16-Apr-99	341.76	341.65	340.82	343.08		344.35	344.89		343.86	343.70	343.22	343.95	340.72	341.86	341.68	342.84	342.68	342.86	344.00
23-Jun-99	341.63	341.50	340.52	342.60		343.82	344.36		343.61	343.08	342.74	343.47	340.56	341.43	341.26	342.42	342.28	342.48	343.03
16-Aug-99	341.12	341.44	340.20	343.12		343.08	343.89		343.69	343.45	342.42	342.94	340.38	341.33	341.24	342.18	342.05	342.37	342.87
16-Nov-99	341.77	341.68	340.85	343.11		344.43	345.07		343.79	343.81	342.99	343.65	340.75	341.84	342.02	342.78	342.65	342.78	343.65
12-Apr-00	341.92	341.80	340.67	343.22		344.77	345.40		343.88	343.95	343.14	343.78	340.73	341.95	341.77	342.87	342.72	342.92	343.65
19-Jun-00	342.17	342.07	341.25	343.56		344.70	345.64		343.90	344.00	343.37	343.97	341.10	342.49	342.09	343.02	342.88	343.00	344.54
14-Aug-00	341.95	341.85	341.52	343.48		344.43	344.90		343.79	343.82	342.91	343.03	341.12	341.92	341.72	342.94	342.80	342.98	343.98
06-Nov-00	341.62	341.53	340.48	342.37		343.29	342.13		N/R	343.59	342.06	342.08	340.52	341.48	341.39	342.20	342.07	342.41	342.87

Note: All Water Level in mASL

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	2-I	2-II	4-IR	4-II	4-IIR	4-IIIR	5-II	5-III	7-I	7-II	8-I	8-II	9A-I	9-I	9-II	10-I	10-II	10-III	11-I
Geologic Unit	Outwash	Outwash	Bedrock	Lower Till	Lower Till	Upper Till	Upper Till	Bedrock	Upper Till	Outwash	Upper Till	Upper Till	Bedrock	Outwash	Outwash	Upper Till	Outwash	Outwash	Upper Till
Date																			
02-Apr-01	341.95	341.85	341.10	343.48		344.63	345.78		343.94	344.05	343.45	344.45	341.13	342.61	342.12	342.91	342.77	Frozen	344.44
25-Jun-01	341.67	341.65	340.54	342.92		344.25	344.51		343.67	343.69	342.51	342.80	340.70	341.63	341.48	342.62	342.48	342.67	343.48
13-Aug-01	341.33	341.33	339.79	342.00		343.06	344.41		N/A	342.95	342.02	342.24	340.20	341.18	341.15	341.93	341.81	342.10	342.85
05-Nov-01	341.85	341.73	340.83	343.13		344.60	345.29		343.80	343.85	342.97	343.77	340.73	341.83	341.72	342.70	342.58	342.66	343.99
22-Apr-02	342.04	341.90	341.37	343.52		344.46	345.47		343.69	343.77	343.41	343.93	341.21	342.37	342.03	342.95	342.97	342.92	344.54
17-Jun-02	341.95	341.86	341.47	343.52		344.58	345.27		343.88	344.00	342.85	343.35	341.18	342.12	341.90	342.75	342.62	342.80	343.74
12-Aug-02	341.39	341.34	340.43	342.43		343.44	343.90		N/A	342.92	341.98	341.69	340.49	341.24	341.19	342.01	341.90	342.26	342.90
04-Nov-02	341.75	342.51	339.99	342.92		344.63	343.25		Destroyed	Destroyed	342.77	344.37	340.27	341.38	341.95	341.89	341.81	342.66	342.93
22-Apr-03	341.95	341.80	341.06	343.35		344.54	345.48		343.82	343.85	343.36	343.85	340.93	342.21	341.94	342.88	342.79	342.92	344.53
23-Jun-03	341.86	341.70	340.87	343.08		344.16	344.91	345.02	343.69	343.73	342.81	343.45	340.86	341.80	341.59	342.76	342.66	342.79	343.64
02-Sep-03	341.34	341.36	340.11	342.26		343.41	343.77	344.56	N/A	343.46	341.94	341.95	340.24	341.31	341.29	342.06	341.97	342.21	342.85
03-Nov-03	341.75	342.51	340.60	342.92		344.63	344.95	344.43	Destroyed	Destroyed	342.77	344.37	340.60	341.93	341.95	342.63	342.54	342.66	343.10
19-Apr-04	342.01	342.04	341.44	343.64		344.69	345.68	344.31	N/A	N/A	343.54	344.37	341.17	342.31	342.05	342.92	342.81	342.91	344.07
07-Jun-04	341.89	341.76	341.17	343.19		344.23	344.64	344.29	N/A	N/A	342.68	342.95	340.94	341.78	341.64	342.82	342.72	342.74	343.34
23-Aug-04	341.76	341.65	340.87	342.78		343.88	344.11	344.24	N/A	N/A	342.21	342.31	340.77	341.49	341.39	342.63	342.53	342.62	343.26
01-Nov-04	341.78	341.75	340.41	342.49		343.62	343.92	344.21	Destroyed	Destroyed	342.30	342.70	340.69	341.73	341.73	342.48	342.38	342.56	343.15
11-Apr-05	341.95	342.00	341.55	343.63		344.47	345.65	342.71	N/A	N/A	343.62	344.15	341.27	342.38	342.12	342.95	342.86	343.00	344.83
21-Jun-05	341.82	341.73	341.15	343.13		344.19	344.60	342.36	N/A	N/A	342.63	342.90	340.91	341.81	341.68	342.66	342.56	342.74	343.50
31-Aug-05	341.48	341.52	340.63	342.20		343.16	343.66	341.89	N/A	N/A	N/A	N/A	340.50	341.36	341.30	342.24	342.20	342.26	343.04
15-Nov-05	341.70	341.60	340.51	342.61		344.49	344.24	342.17	N/A	N/A	N/A	N/A	340.59	341.73	341.70	342.78	342.40	342.65	343.32
24-Apr-06	342.03	342.80	341.48	343.59		344.47	345.42	342.64	N/A	N/A	N/A	N/A	341.03	342.05	342.09	342.74	342.66	342.68	344.17
07-Jun-06	342.03	341.90	341.43	343.50		344.31	345.13	342.83	N/A	N/A	N/A	N/A	341.13	341.85	341.78	342.84	342.57	342.67	343.69
30-Aug-06	341.79	N/A	340.81	342.80		343.87	344.45	342.31	N/A	N/A	N/A	N/A	340.78	341.59	341.80	342.61	342.54	342.62	343.27
24-Nov-06	342.30	342.31	341.63	343.77		344.68	345.63	342.83	N/A	N/A	N/A	N/A	341.22	342.10	342.10	342.99	342.87	343.00	344.60
10-Apr-07	342.13	342.10	341.72	343.80		344.68	345.65	342.90	N/A	N/A	N/A	N/A	341.23	342.03	342.02	342.96	342.88	342.97	344.87
18-Jun-07	342.01	341.78	341.14		343.10	344.16	344.54	342.20	N/A	N/A	N/A	N/A	340.85	341.68	341.36	342.65	342.57	342.65	343.35
13-Aug-07	341.35	341.43	340.33		342.01	343.51	343.21	341.42	N/A	N/A	N/A	N/A	340.30	340.89	Dry	341.99	341.90	Dry	342.65
15-Nov-07	341.23	341.18	340.12		341.75	342.48	341.77	342.36	N/A	N/A	N/A	N/A	340.20	341.00	341.00	341.84	341.81	341.97	342.48

Note: All Water Level in mASL

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	11-II	11-III	12-I	12-II	12-III	13-I	13-II	13-III	13-IV	13-V	14-I	14-II	14-III	14-IV	15-I	15-II	15-III	15-IV	15-V	16-I
Geologic Unit	Outwash	Lower Till	Upper Till	Upper Till	Fill	Bedrock	Lower Till	Upper Till	Outwash	Outwash	Upper Till	Outwash	Outwash	Bedrock	Bedrock	Lower Till	Upper Till	Upper Till	Outwash	Lower Till
Date																				
28-Apr-92	343.92		343.44	343.42	343.24	342.28	342.08	342.93	342.88	343.01	342.72	342.77	342.99		342.88	342.04	341.41	342.57	342.61	341.57
14-Aug-92	344.15		343.49	343.44	343.33	342.38	342.34	343.05	342.96	343.29	342.86	342.89	343.28		338.93	342.09	342.68	342.64	343.46	342.24
10-Nov-92	343.74		343.49	343.45	343.34	342.51	342.51	343.13	343.06	343.24	342.96	342.98	343.11		339.04	342.28	342.70	342.71	343.27	342.39
22-Mar-93	343.28			343.30	343.21			342.85	342.76	342.86	342.53						342.09			
22-Apr-93	343.83		343.44	343.37	343.33	342.54	342.71	343.02	343.00	343.43	342.84	342.84	343.45		339.22	342.23	342.60	342.75	343.72	342.28
25-May-93																				
08-Jun-93	343.31		343.35	343.38	343.28	342.43	342.75	342.96	342.86	343.01	342.67	342.72	342.61		339.11	342.04	342.44	341.50	342.87	341.99
23-Aug-93	343.00		343.19	343.19	343.14	341.64	342.70	342.63	342.49	342.91	341.73	342.35	342.32		338.20	341.77	342.20	342.22	342.53	341.66
26-Oct-93	343.27	341.93	342.91	342.89	342.82	341.98	341.01	342.90	342.80	342.90	342.54	342.63	342.41		338.44	341.74	342.23	342.38	342.38	341.84
16-Mar-94		343.40																		
20-Apr-94	344.10	343.85	343.40	343.39	343.30	342.42	340.53	343.07	342.92	343.13	342.82	342.90	343.05		338.69	342.10	342.60	342.68	343.20	341.64
18-Jun-94	343.37	343.52	343.27	343.24	343.20	342.12	337.18	342.78	342.65	342.97	342.41	342.47	342.36		338.21	342.13	342.28	342.36	342.77	341.72
24-Aug-94	342.92	343.20	342.72	342.64	342.70	341.51	334.74	342.13	342.04	342.65	341.94	341.97	DRY		337.60	341.48	341.96	341.97	342.30	341.27
26-Oct-94	342.63	343.49	342.42	342.38	DRY	341.16	334.37	341.93	341.82	DRY	341.74	341.79	DRY		337.56	341.15	341.81	341.82	DRY	341.15
18-Apr-95	343.42	343.49	343.43	343.33	343.26	342.21	340.68	342.89	342.78	342.99	342.57	342.10	342.77		338.31	341.67	342.38	342.46	342.94	341.74
16-Jun-95	343.39	343.37	343.16	343.10	343.06	342.06	335.94	342.65	342.55	343.00	342.38	342.41	342.54		338.03	341.59	342.29	342.31	342.85	341.56
21-Aug-95	343.66	343.66	343.16	343.15	343.13	341.97	334.79	342.73	342.65	342.94	342.50	342.53	342.54		337.73	341.66	342.36	342.39	343.02	341.64
13-Nov-95	344.51	343.56	343.49	343.42	343.35	342.15	336.33	343.03	342.94	343.34	342.80	342.84	343.51		338.34	341.95	342.59	342.57	343.45	342.12
15-Apr-96	343.96	343.81	343.52	343.38	343.28	342.28	340.34	343.01	342.92	343.80	342.71	342.73	343.48		338.34	341.89	342.58	342.61	343.53	342.02
13-Jun-96	344.00	344.02	343.53	343.39	343.42	342.44	334.38	343.00	342.93	343.90	342.69	342.74	343.53		339.00	341.95	342.56	342.61	343.49	342.11
15-Aug-96	343.16	343.96	343.11	343.02	343.03	342.09	334.04	342.60	342.48	342.95	342.28	342.33	342.36		338.51	338.63	342.24	342.26	342.72	341.70
12-Nov-96	343.77	343.84	343.48	343.39	343.33	342.45	336.30	343.01	342.89	343.29	342.66	342.69	343.18		338.75	341.85	342.53	342.58	343.26	341.95
21-Apr-97	343.88	344.29	343.46	343.33	343.29	342.66	339.60	343.03	342.89	343.08	342.61	342.67	342.93		339.04	341.93	342.42	342.58	343.18	342.04
09-Jun-97	343.43	343.98	343.31	343.21	343.21	342.43	332.55	342.94	342.70	343.06	342.46	342.49	342.60		338.74	341.73	342.38	342.41	342.90	341.81
18-Aug-97	342.76	343.22	342.52	342.40	DRY	341.47	334.55	341.92	342.11	342.50	341.86	341.93	DRY		337.72	341.29	341.98	342.18	342.03	341.41
10-Nov-97	343.28	343.38	342.09	342.98	343.00	341.89	335.71	342.79	342.62	342.61	342.40	342.48	342.30		338.25	341.61	342.36	342.39	342.54	341.69
14-Apr-98	343.60	343.89	343.45	343.32	343.24	342.50	339.32	342.99	342.79	343.05	342.51	342.55	342.79		338.72	341.77	342.44	342.49	343.03	341.86
10-Jun-98	343.01	343.41	342.78	342.67	342.70	341.91	334.01	342.59	342.29	342.80	342.06	342.09	342.14		337.81	341.35	342.10	342.09	342.48	341.43
10-Aug-98	342.84	343.15	342.37	342.24	Dry	341.42	337.85	341.93	341.96	342.56	341.76	341.78	Dry		337.36	341.18	340.91	341.91	342.14	341.23
09-Nov-98	342.41	342.64	341.36	341.24		340.69	335.45	341.26	341.23	Dry	341.12	341.15	Dry		337.31	340.62	341.24	341.23	Dry	340.82
16-Apr-99	343.91	343.42	343.39	343.31	343.23	341.98	340.31	342.95	342.87	342.98	342.53	342.58	342.76		337.83	341.65	342.39	342.44	342.95	341.77
23-Jun-99	343.01	342.67	342.81	342.78	343.02	341.71	335.34	342.62	342.48	342.89	342.33	342.32	342.28		337.98	341.55	342.16	342.18	342.51	341.47
16-Aug-99	342.86	342.47	342.68	342.74	342.77	341.49	338.16	342.38	342.22	342.70	342.10	342.09	342.04		337.72	341.42	342.05	342.06	342.24	341.38
16-Nov-99	343.67	342.95	343.38	343.38	343.45	341.97	335.97	343.02	342.93	343.02	342.75	342.76	342.98		338.06	341.79	342.44	342.51	343.09	341.76
12-Apr-00	343.67	342.97	343.54	343.57	343.61	341.00	340.68	343.07	342.98	343.32	342.76	342.77	342.94		336.70	341.87	342.52	342.61	343.29	341.93
19-Jun-00	344.64	343.44	343.63	343.62	343.65	342.30	334.88	343.26	343.17	344.28	343.00	343.01	343.62		338.57	342.01	342.64	342.70	343.43	342.06
14-Aug-00	344.00	343.46	343.57	343.56	343.54	342.35	338.19	343.15	343.09	343.95	342.89	342.90	343.33		338.83	342.17	342.58	342.63	343.18	342.00
06-Nov-00	342.86	342.74	342.78	342.82	342.90	341.69	336.33	342.31	342.20	342.66	342.12	342.11	342.13		337.71	341.49	342.13	342.13	342.35	341.47

Note: All Water Level in mAS

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	11-II	11-III	12-I	12-II	12-III	13-I	13-II	13-III	13-IV	13-V	14-I	14-II	14-III	14-IV	15-I	15-II	15-III	15-IV	15-V	16-I
Geologic Unit	Outwash	Lower Till	Upper Till	Upper Till	Fill	Bedrock	Lower Till	Upper Till	Outwash	Outwash	Upper Till	Outwash	Outwash	Bedrock	Bedrock	Lower Till	Upper Till	Upper Till	Outwash	Lower Till
Date																				
02-Apr-01	344.52	343.51	343.64	343.63	343.63	342.15	340.85	343.13	343.02	343.82	342.83	342.82	343.18		338.16	342.09	342.69	342.73	343.36	342.19
25-Jun-01	343.50	343.22	343.20	343.22	343.24	341.95	336.25	342.86	342.72	343.14	342.54	342.53	342.63		337.69	341.74	342.37	342.40	342.82	341.71
13-Aug-01	342.85	342.61	342.33	342.35	342.81	341.11	338.70	342.00	341.89	342.70	341.83	341.82	Dry		337.07	341.26	341.81	341.82	342.19	341.32
05-Nov-01	344.04	343.07	343.56	343.57	343.50	341.83	335.86	342.95	342.85	343.01	342.67	342.68	342.99		338.02	341.85	342.51	342.57	343.17	341.82
22-Apr-02	344.63	343.58	343.54	343.66	342.20	342.38	343.08	343.38	343.56	343.32	343.44	342.98	343.03		338.60	342.09	342.70	342.75	343.29	342.11
17-Jun-02	343.75	343.54	343.61	343.60	343.45	342.34	334.42	342.94	342.81	343.12	342.62	342.61	342.66		338.67	342.06	342.58	342.63	343.14	341.99
12-Aug-02	342.88	342.87	342.54	342.56	342.83	341.49	338.23	342.13	342.00	342.76	341.92	341.89	Dry		337.68	341.29	341.85	341.84	342.22	341.33
04-Nov-02	343.10	342.48	343.58	343.58	N/R	341.10	334.83	342.92	341.86	Dry	342.52	341.74	342.32		337.36	341.81	341.74	341.75	343.30	341.21
22-Apr-03	344.63	343.18	343.60	343.54	343.52	342.09	340.87	343.07	342.98	343.37	342.77	342.75	342.13		338.34	341.97	342.52	342.57	343.08	342.01
23-Jun-03	343.64	343.14	343.38	343.37	343.36	342.16	335.23	342.98	342.86	343.00	342.65	342.63	342.72	339.32	338.16	341.80	342.38	343.44	Dry	341.77
02-Sep-03	342.84	342.52	N/A	N/A	N/A	341.24	339.10	342.34	342.18	342.65	341.94	341.91	Dry	336.07	337.11	341.26	341.80	341.81	342.10	341.33
03-Nov-03	343.10	342.54	343.58	343.58	343.62	341.65	334.83	342.92	342.80	343.30	342.52	342.50	342.32	336.59	337.79	341.81	342.57	342.62	343.30	341.81
19-Apr-04	344.08	343.64	343.66	343.65	343.65	342.27	341.20	343.18	342.98	343.31	342.82	342.80	342.88	337.56	338.47	342.05	342.64	342.69	343.26	342.02
07-Jun-04	343.43	343.35	343.55	343.52	343.49	342.12	337.44	343.07	342.98	343.17	342.80	342.79	342.63	337.66	338.45	341.90	342.60	342.64	343.31	341.78
23-Aug-04	343.24	343.16	343.11	343.10	343.11	341.84	339.50	342.86	342.75	342.99	342.57	342.64	342.53	337.91	338.23	341.73	342.35	342.38	342.78	341.66
01-Nov-04	343.13	342.85	343.17	343.17	343.19	341.73	335.94	342.69	342.56	342.71	342.35	342.34	342.30	337.74	337.84	341.82	342.35	342.38	342.45	341.65
11-Apr-05	344.95	343.89	343.59	343.60	343.57	341.27	341.44	343.14	343.04	343.89	342.82	342.81	343.11	338.36	338.56	342.08	342.61	342.64	343.14	342.19
21-Jun-05	343.55	343.26	343.17	343.21	343.22	342.04	336.74	342.88	342.73	343.02	342.50	342.49	342.43	338.16	337.73	341.77	342.33	342.38	342.62	341.72
31-Aug-05	343.04	342.76	342.73	342.69	Dry	341.49	339.93	342.51	342.38	342.48	342.18	342.12	Dry	337.65	337.51	341.53	342.11	342.13	341.97	341.40
15-Nov-05	343.33	342.77	343.23	343.20	343.23	341.65	341.58	342.82	342.69	342.75	342.61	342.42	342.23	337.50	337.48	341.61	342.27	342.50	342.99	341.69
24-Apr-06	344.10	343.61	343.56	343.65	343.64	342.31	341.25	343.05	342.99	343.25	342.75	342.73	342.97	338.49	338.53	341.46	342.54	342.58	343.15	342.01
07-Jun-06	343.97	343.56	343.60	343.58	343.55	342.24	333.91	342.90	342.81	343.06	342.74	342.58	342.58	338.95	338.58	341.97	343.14	342.61	343.16	341.96
30-Aug-06	343.30	343.13	343.14	343.15	343.16	341.88	339.40	342.82	342.73	343.06	342.55	342.53	342.48	338.46	338.16	341.72	342.33	342.37	342.68	341.64
24-Nov-06	344.78	343.61	343.68	343.64	343.61	342.37	337.81	343.14	343.11	344.23	342.86	342.85	343.83	338.61	338.41	342.11	342.67	342.74	343.29	342.13
10-Apr-07	345.01	343.94	343.76	343.68	343.64	342.42	341.63	343.17	343.06	344.11	342.87	343.37	342.82	338.60	338.51	342.09	342.68	342.75	343.39	342.07
18-Jun-07	343.04	343.31	343.46	343.41	343.38	342.16	336.35	342.89	342.75	343.03	342.57	342.55	342.55	338.24	338.20	341.71	342.36	342.44	342.83	341.88
13-Aug-07	Dry	342.63	342.45	342.43	Dry	341.35	339.22	342.24	342.09	342.38	341.85	341.82	Dry	337.63	337.59	341.21	341.73	341.73	341.95	341.26
15-Nov-07	Dry	342.29	342.76	342.76	Dry	341.29	337.28	342.08	341.90	Dry	341.71	341.67	Dry	337.63	337.62	341.27	340.80	341.75	341.99	341.18

Note: All Water Level in mAS

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	16-II	16-III	16-IV	16-V	16-VI	16-VII	16-VIII	17-I	17-II	17-III	17-IV	18-I	18-II	18-III	18-IV	19-I	19-II	19-III	19-IV
Geologic Unit	Lower Till	Upper Till	Upper Till	Fill	Lower Till	Bedrock	Lower Bedrock	Bedrock	Lower Till	Upper Till	Outwash	Upper Till	Outwash	Outwash	Fill/ Outwash	Bedrock	Lower Till	Upper Till	Upper Till
Date																			
28-Apr-92	342.39	342.54	342.07	342.57				340.94	342.78	342.98	343.40	342.06	341.99	341.87	341.92	342.10	342.22	345.54	347.36
14-Aug-92	342.28	342.38	342.28	342.91				340.89	342.75	342.83	343.17	342.36	342.28	342.01	342.04	342.40	342.41	345.28	346.64
10-Nov-92	342.29	342.30	342.19	342.76				341.07	342.96	343.23	343.83	342.22	342.12	341.99	342.02	342.68	342.73	346.13	348.11
22-Mar-93		341.74								343.60								344.67	
22-Apr-93	342.13	342.32	342.20	343.21				341.27	343.04	343.32	344.13	342.16	342.13	342.11	342.13	342.62	342.61	346.11	348.53
25-May-93																			
08-Jun-93	341.94	342.04	341.89	342.06				340.89	342.62	342.97	343.07	341.67	341.50	341.46	341.45	342.30	341.50	344.99	346.46
23-Aug-93	341.71	341.78	341.68	341.81	341.76			340.37	342.09	342.21	342.50	341.27	341.21	341.03	340.50	341.42	341.50	343.91	344.83
26-Oct-93	341.89	341.96	341.87	341.94	341.91			340.47	342.26	342.23		341.57	341.50	341.35	341.62	341.72	341.84	343.83	344.61
16-Mar-94																			
20-Apr-94	342.16	342.22	342.05	342.90	342.37			340.85	342.99	343.28	344.06	342.28	342.17	342.04	342.06	342.46	342.51	345.98	348.19
18-Jun-94	341.77	341.94	341.91	341.99	341.73			340.69	342.55	342.76	343.16	341.65	341.56	341.36	DRY	341.88	341.89	344.67	346.16
24-Aug-94	341.47	341.56	341.52	DRY	341.33			340.18	342.05	342.18	DRY	341.25	341.18	341.18	DRY	341.31	341.33	343.74	344.64
26-Oct-94	341.31	341.50	341.43	DRY	341.25			339.90	341.75	341.81	DRY	341.27	341.20	341.17	DRY	340.75	340.76	342.65	343.14
18-Apr-95	341.82	341.99	341.85	342.25	341.86			340.80	342.70	342.93	343.40	341.84	341.76	341.75	341.76	342.12	342.14	345.40	347.44
16-Jun-95	341.73	341.90	341.79	341.96	341.73			340.69	342.62	343.91	343.39	341.70	341.62	341.33	DRY	341.99	342.06	344.98	346.70
21-Aug-95	341.86	342.00	341.87	342.18	341.75			340.66	342.52	342.64	342.94	341.71	341.60	341.48	341.64	341.86	341.86	344.51	345.64
13-Nov-95	342.19	342.33	342.14	343.04	342.21			341.07	342.73	342.81	344.05	342.32	342.25	342.04	341.62	342.07	342.06	345.15	347.00
15-Apr-96	342.10	342.25	341.87	342.96	342.13			340.96	342.97	343.30	344.06	342.15	342.08	342.02	342.05	342.30	342.37	344.88	347.85
13-Jun-96	342.07	342.24	342.08	342.95	342.21			341.03	342.89	343.08	343.43	342.18	342.16	342.02	342.08	342.47	342.45	345.54	347.49
15-Aug-96	341.76	341.87	341.74	341.88	341.78			340.46	342.60	342.58	342.83	341.80	341.75	341.55	DRY	341.96	342.05	344.60	345.82
12-Nov-96	342.10	342.23	342.07	342.79	342.06			340.96	342.77	342.88	343.13	342.13	342.05	341.98	342.02	340.40	341.22	345.48	347.39
21-Apr-97	342.02	342.16	341.99	342.78	342.16			341.07	342.92	343.20	343.64	342.30	342.20	342.16	341.90	340.90	341.64	345.74	347.91
09-Jun-97	341.85	341.97	341.82	342.14	341.91			340.83	342.63	342.89	343.31	341.87	341.76	341.51	341.72	340.53	341.15	344.91	346.90
18-Aug-97	341.55	341.74	341.62	341.65	341.50			340.11	341.98	342.12	342.35	341.44	341.29	341.10	DRY	339.69	340.23	343.23	344.16
10-Nov-97	341.81	342.03	341.86	341.91	341.78			340.49	342.25	342.15	Dry	341.97	341.90	341.91	341.97	340.26	340.73	343.23	343.76
14-Apr-98	341.97	342.12	341.94	342.47	341.98			340.84	342.79	343.10	343.63	342.15	342.04	341.91	341.98	341.01	341.69	345.50	347.57
10-Jun-98	341.59	341.76	341.64	341.74	341.88			340.39	342.15	342.43	342.79	341.54	342.03	341.23	342.05	339.98	340.67	344.07	345.28
10-Aug-98	341.43	341.60	341.50	341.56	341.31			340.12	341.97	342.12	342.38	341.32	341.23	341.12	Dry	339.30	340.08	343.08	343.88
09-Nov-98	340.88	341.05	341.02	Dry	340.89			339.48	341.29	341.51	Dry	340.98	340.97	340.90	Dry	338.72	339.26	341.40	341.76
16-Apr-99	341.96	342.13	342.24	342.26	341.87			340.69	342.75	343.04	343.53	341.97	341.90	341.70	341.80	340.33	341.00	344.36	345.34
23-Jun-99	341.78	341.83	341.82	342.18	341.50			340.45	342.27	342.57	342.95	341.54	341.45	341.16	Dry	339.83	340.65	343.90	344.87
16-Aug-99	341.71	341.75	341.77	341.79	341.35			340.30	342.07	342.27	342.61	341.41	341.35	342.16	341.60	339.80	340.35	343.29	344.09
16-Nov-99	342.07	342.14	342.09	342.36	341.74			340.72	342.73	342.84	343.18	341.92	341.88	341.66	341.72	340.69	341.10	344.08	344.90
12-Apr-00	342.18	342.26	342.20	342.46	341.89			340.70	342.86	343.11	343.53	342.05	341.99	342.01	341.98	340.87	341.48	345.65	347.80
19-Jun-00	342.40	342.39	342.32	342.55	342.06			340.98	343.07	343.46	344.18	342.65	342.57	342.09	342.07	341.20	341.85	345.96	348.14
14-Aug-00	342.31	342.29	342.27	342.49	342.00			340.91	342.82	343.02	343.35	342.10	342.00	341.86	341.89	340.97	341.67	345.20	346.72
06-Nov-00	341.72	341.80	341.81	341.81	341.46			340.33	342.10	342.16	342.41	341.54	341.50	341.40	341.59	340.12	340.69	343.49	344.28

Note: All Water Level in mAS

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	16-II	16-III	16-IV	16-V	16-VI	16-VII	16-VIII	17-I	17-II	17-III	17-IV	18-I	18-II	18-III	18-IV	19-I	19-II	19-III	19-IV
Geologic Unit	Lower Till	Upper Till	Upper Till	Fill	Lower Till	Bedrock	Lower Bedrock	Bedrock	Lower Till	Upper Till	Outwash	Upper Till	Outwash	Outwash	Fill/ Outwash	Bedrock	Lower Till	Upper Till	Upper Till
Date																			
02-Apr-01	342.45	342.45	342.34	342.67	342.15			340.95	343.07	343.45	344.24	342.73	342.68	342.10	342.10	341.28	341.88	346.08	348.39
25-Jun-01	341.93	341.96	341.93	341.98	341.69			340.48	342.35	342.63	343.00	341.70	341.64	341.38	341.66	340.67	341.25	344.46	345.63
13-Aug-01	341.50	341.52	341.51	Dry	341.28			339.84	341.88	342.13	342.46	341.22	341.20	341.03	N/A	339.54	340.21	343.05	343.86
05-Nov-01	342.23	342.28	342.22	342.52	341.79			340.47	342.51	342.52	342.72	341.78	341.70	341.67	341.70	340.71	341.11	343.74	344.34
22-Apr-02	342.44	342.46	342.36	342.68	342.12			341.02	343.07	343.44	344.09	342.49	342.35	342.03	342.04	341.46	341.99	345.77	347.89
17-Jun-02	342.24	342.32	342.25	342.48	341.99			341.02	342.80	342.98	343.33	342.15	342.15	342.00	342.00	341.38	341.84	345.14	346.70
12-Aug-02	341.63	341.65	341.65	Dry	341.31			340.16	341.89	342.20	342.57	341.26	341.24	341.06	N/A	340.29	340.76	343.51	344.36
04-Nov-02	341.54	341.58	341.58	342.51	341.20			340.11	341.69	342.24	N/R	341.86	341.39	341.87	N/R	339.98	340.38	342.48	342.91
22-Apr-03	342.35	342.34	342.26	342.62	342.02			340.90	342.96	343.37	344.07	342.30	342.24	342.01	342.04	341.20	341.61	344.48	345.40
23-Jun-03	342.09	342.10	342.05	342.26	341.77	338.63		340.75	342.66	343.20	343.49	341.90	341.81	341.48	341.59	340.74	341.42	344.60	345.87
02-Sep-03	341.59	341.65	341.65	Dry	341.30	337.42	313.51	340.08	341.81	342.06	342.40	341.32	341.32	341.17	Dry	340.31	340.72	343.36	344.14
03-Nov-03	342.13	342.30	342.23	342.51	341.77	339.45	316.43	340.58	342.37	342.24	Dry	341.86	341.95	341.87	341.99	340.92	341.24	344.52	344.46
19-Apr-04	342.30	342.32	342.24	342.48	342.03	339.66	317.47	341.04	343.02	343.28	343.77	342.35	342.35	342.06	342.07	341.68	342.08	345.93	348.09
07-Jun-04	342.02	342.04	342.01	342.06	341.77	339.60	317.81	340.68	342.46	342.71	343.03	341.81	341.79	341.54	Dry	341.21	341.56	344.55	345.75
23-Aug-04	341.91	341.92	341.90	341.93	341.64	339.65	317.95	340.41	342.11	342.19	342.52	341.52	341.49	341.27	341.58	340.80	341.12	343.71	344.48
01-Nov-04	341.91	341.93	341.91	341.91	341.62	339.23	316.18	340.47	342.15	342.07	Dry	341.69	341.73	341.61	341.60	340.66	340.97	343.24	343.83
11-Apr-05	342.55	342.52	342.40	342.84	342.19	339.17	317.05	341.11	343.18	343.50	344.17	342.49	342.42	342.07	342.09	341.67	342.08	345.98	347.25
21-Jun-05	341.97	341.96	341.93	342.03	341.70	339.58	317.05	340.60	342.41	342.63	342.98	341.85	341.81	341.54	341.59	341.25	341.54	344.45	345.57
31-Aug-05	341.73	341.80	341.70	341.73	341.47	338.99	314.96	340.34	341.88	342.00	Dry	341.39	341.35	341.18	341.70	340.51	340.73	342.93	343.46
15-Nov-05	341.97	341.99	341.95	341.96	341.64	339.37	314.57	340.45	342.15	341.95	Dry	341.76	341.71	341.61	Dry	340.86	341.13	343.27	343.74
24-Apr-06	342.28	342.27	342.08	342.28	341.97	339.95	316.81	340.85	342.87	343.18	343.70	341.99	342.03	342.02	342.02	341.84	342.11	345.97	348.24
07-Jun-06	342.22	342.21	342.15	342.32	341.98	340.07	316.98	340.86	342.79	343.05	343.50	341.90	341.85	341.67	341.74	341.56	341.99	345.33	346.88
30-Aug-06	N/A	342.00	N/A	342.07	342.10	339.70	316.39	340.47	342.31	342.43	342.66	341.59	341.54	341.37	341.62	340.96	341.24	343.73	344.42
24-Nov-06	342.51	342.47	342.39	342.52	342.12	340.13	317.13	340.81	343.10	343.46	344.19	342.17	342.10	342.06	342.09	341.93	342.23	345.77	347.58
10-Apr-07	342.36	342.43	342.39	342.61	342.07	340.28	317.49	340.98	343.10	343.44	344.17	342.07	342.03	342.02	342.04	341.96	342.27	346.00	348.24
18-Jun-07	342.95	342.14	342.35	342.01	341.61	340.10	316.81	340.54	342.40	342.63	343.09	341.56	341.47	341.23	341.62	341.11	341.50	344.46	345.70
13-Aug-07	341.34	341.53	341.55	Dry	341.08	339.67	315.81	340.93	341.76	341.97	Dry	340.93	340.87	Dry	Dry	340.01	340.44	342.78	343.39
15-Nov-07	341.49	341.52	341.53	Dry	341.12	339.69	316.47	340.22	341.48	341.54	342.45	340.99	340.98	340.90	Dry	340.06	340.23	341.97	342.28

Note: All Water Level in mAS

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	20-I	20-II	20-III	20-IV	21-I	21-II	21-III	26-I	26-II	27-I	27-II	28-I	28-II	29-I	30-I	31-I	32-I	33-I	34-I
Geologic Unit	Bedrock	Lower Till	Upper Till	Upper Till	Upper Till	Upper Till	Upper Till	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash
Date																			
28-Apr-92	341.99	341.95	341.83	341.64	344.23	344.52	344.19	342.63	343.06	343.09	343.40	342.04	343.51	343.49	344.94	343.63	343.53	343.59	342.06
14-Aug-92	342.73	342.75	342.90	344.35	345.86	346.15	347.31	342.64	343.12	343.27	343.52	342.22	343.02	343.62	345.05	343.61	343.71	343.62	342.22
10-Nov-92	343.11	343.73	343.79	345.12	346.51	346.97	347.91	342.62	343.15	343.24	343.54	342.07	342.99	343.60	345.09	343.69	343.58	343.70	342.71
22-Mar-93			340.63		345.41	344.82		342.38		342.91		341.81							342.00
22-Apr-93	342.89	342.90	342.09	344.63	346.52	347.10	347.75	342.69	343.02	343.27	343.54	341.85	343.09	343.78	345.20	343.67	343.61	343.57	342.11
25-May-93																			
08-Jun-93	342.16	342.70	342.80	344.46	345.92	346.42	347.20	342.54	343.05	343.12	343.36	341.96	342.40	343.59	345.02	343.64	343.58	343.55	342.04
23-Aug-93	341.99	342.00	341.74	341.80	345.18	345.30	344.89	341.72	DRY	342.37	dry	341.65	342.39		344.61	343.22	343.23	343.17	341.70
26-Oct-93	342.30	342.31	343.60	344.93	345.01	345.50	346.21	342.08	DRY	342.85	dry	341.69	dry	343.50	344.82	343.45	343.38	343.34	341.80
16-Mar-94																			
20-Apr-94	342.84	342.87	344.22	344.95	346.81	346.96	347.67	342.73	343.27	343.33	343.62	342.26	343.14	343.78	345.15	343.68	343.78	343.71	342.41
18-Jun-94	342.17	342.19	343.57	344.33	345.74	346.36	346.79	342.63	342.96	343.26	343.28	341.98	342.62	343.46	344.91	343.53	343.56	343.39	342.35
24-Aug-94	341.69	341.70	341.63	340.81	344.52	345.08	346.06	341.85	342.37	341.53	343.71	341.84	342.45	343.35	344.66	343.17	343.17	343.22	341.74
26-Oct-94	340.91	340.93	340.92	DRY	343.76	344.25	344.54	342.04	342.34	342.41	342.56	341.79	342.46	343.47	344.45	342.98	342.94	343.02	341.59
18-Apr-95	342.36	342.38	343.77	344.50	345.43	346.08	346.70	342.67	343.07	343.13	343.41	342.09	342.95	Damaged	344.91	343.67	343.61	343.60	342.10
16-Jun-95	342.46	342.47	343.67	343.94	345.65	346.38	347.43	342.47	342.92	342.96	343.24	342.06	342.88	Damaged	344.89	343.52	343.53	343.40	342.04
21-Aug-95	342.27	342.30	343.82	344.19	345.01	345.65	345.72	342.49	342.91	342.97	343.48	342.12	342.84	Damaged	344.80	343.38	343.41	343.48	342.06
13-Nov-95	342.32	343.33	343.60	345.04	344.93	345.55	346.53	342.78	343.15	343.37	343.59	342.42	343.09	Damaged	344.92		343.62	343.66	342.13
15-Apr-96	342.63	342.67	344.22	344.99	346.31	347.16	347.57	342.60	343.15	343.62	343.35	342.15	343.22	Damaged	344.93	343.70	343.91	343.65	342.02
13-Jun-96	342.82	343.98	342.86	344.99	346.44	347.33	347.76	342.78	342.85	343.18	343.40	342.14	343.11	Damaged	345.22	343.73	343.34	343.35	342.13
15-Aug-96	342.41	342.43	343.65	343.77	345.37	346.30	346.20	342.18	343.16	342.83	343.17	341.73		Damaged	344.86	343.35	343.30	343.16	341.97
12-Nov-96	342.42	342.45	344.28	344.91	345.52	346.28	347.01	342.76		343.25	343.56	341.95	343.02	Damaged	345.12	343.45	343.66	343.64	341.97
21-Apr-97	342.86	342.87	344.40	344.89	346.78	348.12	347.68	342.69	343.35	343.26	343.56	341.83	343.06	Damaged	345.16	343.52	343.58	343.71	342.19
09-Jun-97	342.37	342.37	343.65	343.80	345.98	347.70	347.37	342.63	342.85	343.09	343.36	341.78	342.94	Damaged	345.07	343.52	343.25	343.14	342.01
18-Aug-97	341.21	341.27	340.75	342.87	343.92	344.37	344.04	DRY	342.75	342.33	342.92	341.61	342.47		344.64	343.01	342.51	342.49	342.44
10-Nov-97	341.65	341.66	344.78	343.56	343.78	344.98	344.23	342.35	342.75	342.88	343.16	342.18	342.52		344.86	343.43	343.21	343.34	341.81
14-Apr-98	342.60	342.66	344.22	344.86	346.27	347.73	347.49	342.68	343.13	343.12	343.45	341.78	343.01		344.99	343.65	343.55	343.66	341.84
10-Jun-98	341.74	341.78	342.53	342.91	344.65	345.82	345.36	342.11	342.59	342.40	343.12	341.67	342.57		344.36	343.34	343.05	342.79	341.67
10-Aug-98	341.16	341.16	341.35	341.60	343.61	344.26	343.77	342.09	342.94	342.66	342.85	341.85	342.49		344.70	343.12	343.28	342.63	342.77
09-Nov-98	340.21	340.21	338.61	Dry	342.50	Dry	Dry	341.83	342.16	342.15	Dry	342.10	Dry		342.64	342.71	342.80	342.31	342.52
16-Apr-99	341.89	341.90	343.60	344.56	344.66	346.73	346.27	343.08	343.14	343.34	343.36	342.38	343.06		343.71	343.68	343.35	343.69	341.79
23-Jun-99	341.70	341.71	343.16	344.04	345.03	345.52	345.24	Damaged	342.65	342.97	343.46	342.25	342.68		343.45	342.95	342.74	342.46	342.49
16-Aug-99	341.26	341.26	342.30	342.95	344.36	344.36	344.23	Damage	343.15	342.50	Dry	341.99	342.58		342.86	Dry	342.62	342.79	341.60
16-Nov-99	341.96	344.11	342.06	345.31	344.96	346.59	346.31	Dry	342.68	343.01	Dry	342.15	342.78		343.32	343.41	343.07	343.11	341.85
12-Apr-00	342.33	342.34	344.35	345.39	346.30	347.83	347.69	343.16	Dry	343.61	Dry	343.00	343.04		343.86	343.64	343.67	343.79	341.93
19-Jun-00	342.68	342.70	344.42	345.39	347.08	347.87	347.80	343.20	N/A	343.63	343.63	342.99	343.19		343.96	343.73	343.80	343.68	341.92
14-Aug-00	342.64	342.63	344.39	344.94	346.27	347.23	347.02	Damaged		343.42	343.67	342.85	343.03		343.87	343.63Dry	343.67	343.65	342.04
06-Nov-00	341.49	341.55	342.29	342.51	344.49	344.51	344.37	Dry	Dry	342.41	Dry	342.23	Dry		343.39	343.24	343.13	343.24	341.58

Note: All Water Level in mAS

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	20-I	20-II	20-III	20-IV	21-I	21-II	21-III	26-I	26-II	27-I	27-II	28-I	28-II	29-I	30-I	31-I	32-I	33-I	34-I
Geologic Unit	Bedrock	Lower Till	Upper Till	Upper Till	Upper Till	Upper Till	Upper Till	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash	Outwash
Date																			
02-Apr-01	342.72	342.75	344.50	Frozen	347.35	347.90	347.83	N/A	Dry	343.60	343.23	343.10	343.15		343.96	343.68	343.74	343.63	N/A
25-Jun-01	342.11	342.12	343.75	344.15	345.59	346.24	345.98	N/A	N/A	343.06	343.54	342.08	342.64		343.63	343.19	343.48	343.51	341.80
13-Aug-01	341.15	341.16	341.76	341.91	344.06	N/A	343.87	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A
05-Nov-01	341.82	341.84	343.24	345.31	344.86	347.44	346.74	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A
22-Apr-02	342.79	342.83	344.55	345.05	347.31	347.73	347.74	343.06	N/A	343.48	343.66	342.97	343.00		343.85	343.64	N/A	N/A	N/A
17-Jun-02	342.62	342.62	344.47	345.33	346.55	347.72	347.55	343.15	N/A	343.57	343.69	343.03	343.04		343.91	343.54	343.72	343.67	341.90
12-Aug-02	341.59	341.60	342.95	342.74	344.59	344.78	344.50	Dry	Dry	Dry	343.65	Dry	Dry		Dry	Dry	Dry	343.07	Dry
04-Nov-02	341.07	341.11	344.14	345.26	343.96	347.33	343.91	Dry	N/R	343.03	343.66	Dry	342.57		343.55	N/R	N/R	343.26	342.23
22-Apr-03	342.30	342.28	344.19	345.13	346.24	346.54	346.35	N/A	N/A	343.34	343.68	343.01	343.01		343.72	343.58	343.63	343.57	N/A
23-Jun-03	342.20	342.20	344.04	344.30	345.80	346.32	346.02	Dry	Dry	342.75	343.13	341.90	342.70		343.19	342.83	343.07	342.94	342.46
02-Sep-03	341.46	341.46	343.29	Dry	344.33	344.68	344.29	Dry	Dry	Dry	Dry	Dry	Dry		Dry	342.69	342.42	342.44	341.50
03-Nov-03	341.85	341.85	344.14	345.27	344.68	347.33	345.48	342.98	N/R	343.03	Dry	Dry	342.57		343.55	343.51	342.77	343.26	342.23
19-Apr-04	342.74	342.73	344.45	345.23	347.06	347.23	346.99	343.14	N/A	343.60	N/A	342.99	343.08		343.86	343.60	343.76	343.63	342.70
07-Jun-04	342.23	342.22	343.64	343.89	345.72	345.85	345.70	341.21	Dry	342.65	343.04	342.23	342.76		343.26	343.14	343.08	342.94	342.19
23-Aug-04	341.88	341.88	343.08	343.39	344.72	344.97	344.75	Dry	Dry	342.79	342.95	343.10	N/A		343.47	343.12	342.94	342.88	341.95
01-Nov-04	341.58	341.58	343.61	345.22	344.45	344.55	344.61	343.01	N/R	342.71	Dry	342.39	342.61		343.18	343.20	342.85	342.76	342.28
11-Apr-05	342.69	342.68	344.27	345.03	347.17	346.96	346.77	N/A	N/A	N/A	N/A	343.01	343.18		343.83	N/A	N/A	N/A	N/A
21-Jun-05	342.21	342.20	343.86	344.48	345.63	345.61	345.45	Dry	Dry	342.81	342.96	342.43	342.63		343.59	343.17	342.86	342.80	341.91
31-Aug-05	341.38	341.38	343.06	345.31	344.19	N/A	343.95	Dry	Dry	342.52	Dry	342.05	342.64		342.89	342.72	342.50	342.26	341.82
15-Nov-05	341.48	341.49	343.81	345.12	344.40	344.65	344.40	Dry	N/R	343.18	Dry	342.47	342.57		343.15	343.55	343.04	343.10	342.44
24-Apr-06	342.75	342.74	344.27	345.13	346.85	347.57	347.25	343.17	N/A	343.54	N/A	343.03	343.14		343.87	343.32	343.54	343.57	342.98
07-Jun-06	342.71	342.71	344.36	345.13	346.46	346.52	346.36	342.95	N/A	343.34	N/A	342.82	343.02		343.78	343.70	343.61	343.57	342.49
30-Aug-06	N/A	341.96	343.11	343.58	345.02	N/A	344.98	Dry	N/A	342.60	342.89	342.32	342.65		343.46	343.23	342.80	342.61	342.06
24-Nov-06	342.84	342.84	344.40	345.28	346.52	347.11	346.86	343.17	N/R	343.56	343.46	343.03	343.09		343.91	343.77	343.77	343.69	343.02
10-Apr-07	342.95	342.94	344.47	345.25	347.27	347.10	346.95	343.13	N/A	343.19	343.47	342.59	343.14		343.89	343.56	343.21	343.11	343.03
18-Jun-07	342.25	342.25	344.50	345.27	345.57	346.51	345.31	343.01	N/A	342.90	343.09N/A	342.33	342.71		342.54	343.21	343.26	343.38	342.49
13-Aug-07	341.18	341.18	344.32	345.14	343.94	Dry	Dry	Dry	N/A	342.22	342.85	342.17	Dry		342.69	342.56	342.24	342.15	341.48
15-Nov-07	340.91	340.92	341.89	345.21	343.63	Dry	Dry	Dry	N/R	342.09	342.81	342.05	342.57		342.48	342.22	343.00	342.81	342.89

Note: All Water Level in mAS

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	35-I	35-II	36-I	37-I	50-I	53-I	53-II	53-IIR	54-I	60-I	60-II	60-III	90-I	90-II	91-I	92-I	93-I	94-I	95-I	86-2
Geologic Unit	Outwash	Outwash	Bedrock	Bedrock	Bedrock	Bedrock	Lower Till	Lower Till	Bedrock	Upper Till	Upper Till	Lower Till	Lower Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Upper Till
Date																				
28-Apr-92	342.19	342.99	342.41	338.80	340.77															341.18
14-Aug-92	342.15	343.02	342.44	341.69	340.27															343.15
10-Nov-92	342.20	342.85	342.62	341.99	341.39															343.68
22-Mar-93	341.85																			340.60
22-Apr-93	342.29	343.15	342.70	342.30	341.74	342.26			343.66											340.69
25-May-93						342.20			345.33											
08-Jun-93	342.14	342.92	342.40	342.01	341.72	341.73			345.69											342.44
23-Aug-93	341.87	342.56	341.72	340.88	340.45	341.22			344.33	341.93	339.78	341.75								341.41
26-Oct-93	342.10	342.68	342.02	341.11	340.66	341.46	329.60			342.42	343.56	343.74								343.72
16-Mar-94																				
20-Apr-94	342.22	343.03	342.60	341.68	341.36	341.97	340.37		345.31	342.90	344.36	344.97								343.85
18-Jun-94	342.29	342.93	342.26	341.47	341.09	341.66	341.46		344.68	342.30	343.53	344.52								343.09
24-Aug-94	341.86	342.50	341.77	340.92	340.52	341.19	341.26		343.91	341.74	342.73	343.71								341.65
26-Oct-94	341.36	342.25	341.46	340.53	340.10	340.84	340.81		343.16	341.16	341.63	342.29								340.85
18-Apr-95	342.33	342.97	342.42	341.38	340.99	341.69	341.80		344.68	342.48	344.07	344.84								343.46
16-Jun-95	342.11	342.78	342.25	341.25	340.85	341.70	341.37		344.78	342.50	344.14	345.02								342.94
21-Aug-95	342.17	342.79	342.20	341.15	340.87	341.47	341.39		344.26	342.36	343.89	344.88								
13-Nov-95	342.26	343.55	342.47	341.36	341.64	341.73	341.50		344.26	342.35	344.03	345.49								344.17
15-Apr-96	342.17	342.92	342.54	341.59	341.27	341.79	341.76		345.27	342.73	344.47	345.43								344.11
13-Jun-96	342.39	343.07	342.60	342.04	341.65	342.13	340.99		345.31	342.90	344.42	345.89								344.13
15-Aug-96	342.15	342.77	342.09	341.59	341.27	341.72	340.84		344.75	342.49	344.05	345.03								342.62
12-Nov-96	342.32	342.88	342.46	341.79	341.46	341.90	341.43		345.01	342.64	344.58	345.78								344.12
21-Apr-97	342.67	342.82	342.66	342.29	341.97	342.06	342.06		345.48	342.98	344.85	345.91								343.96
09-Jun-97	342.25	342.92	342.37	341.86	341.51	341.84	340.11		344.98	342.51	344.35	345.53								343.23
18-Aug-97	341.56	342.38	341.66	341.51	340.71	341.20	340.67		343.80	341.36	342.43	343.93								341.01
10-Nov-97	341.82	342.54	341.95	341.24	340.91	341.50	341.04		343.54	341.77	344.05	344.92								343.81
14-Apr-98	342.28	342.88	342.38	342.29	341.61	342.03	341.91		345.32	342.74	344.58	345.74								
10-Jun-98	341.60	342.52	341.86	341.59	340.89	341.45	340.83		344.21	341.86	343.48	344.86								342.36
10-Aug-98	341.49	342.33	341.66	341.20	340.54	341.05	340.62		343.51	341.28	342.76	344.16								340.85
09-Nov-98	341.58	341.69	341.13	340.60	339.91	340.43	340.85		342.22	340.35	340.89	341.77								340.85
16-Apr-99	342.91	342.81	342.24	341.19	340.64	341.25	341.59		344.26	342.02	344.04	345.10								343.87
23-Jun-99	342.36	342.47	341.98	340.91	340.34	341.01	341.01		344.06	341.77	343.56	344.69								343.14
16-Aug-99	342.16	342.05	341.86	340.70	340.16	340.76	340.46		343.52	341.35	343.04	344.23								342.65
16-Nov-99	342.53	342.42	342.30	342.11	340.56	341.32	341.17		343.90	342.06	344.30	345.31								
12-Apr-00	342.89	342.83	342.33	341.11	340.56	340.75	341.63		344.86	341.18	344.14	345.45								344.77
19-Jun-00	N/A	342.75	342.57	341.71	341.12	341.59	341.18		345.48	342.73	344.64	345.93								344.73
14-Aug-00	342.83	342.81	342.46	341.91	341.31	341.76	340.94		345.19	342.68	344.60	345.53								344.36
06-Nov-00	342.25	342.26	341.91	341.11	340.56	341.00	341.20		343.91	341.61	343.22	344.30								342.76

Note: All Water Level in mAS

A2: Groundwater Elevations - - Eastview Road Landfill Site

Monitor	35-I	35-II	36-I	37-I	50-I	53-I	53-II	53-IIR	54-I	60-I	60-II	60-III	90-I	90-II	91-I	92-I	93-I	94-I	95-I	86-2
Geologic Unit	Outwash	Outwash	Bedrock	Bedrock	Bedrock	Bedrock	Lower Till	Lower Till	Bedrock	Upper Till	Upper Till	Lower Till	Lower Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Upper Till
Date																				
02-Apr-01	342.84	342.89	342.52	341.71	341.18	341.51	341.75		345.42	342.78	344.65	346.11								344.74
25-Jun-01	342.36	342.47	342.11	341.27	340.67	341.26	341.41		344.59	342.19	344.21	345.35								343.80
13-Aug-01	N/A	342.14	341.53	N/A	339.96	340.46	340.20		343.66	341.23	342.84	344.43								341.72
05-Nov-01	342.78	342.77	341.91	N/A	340.58	341.21	341.19		344.10	341.94	344.02	345.67								344.73
22-Apr-02	342.86	342.91	342.78	341.96	341.41	341.68	341.78		345.52	342.87	344.74	345.77								344.63
17-Jun-02	342.86	342.86	342.17	341.99	341.39	341.75	341.05		345.19	342.67	344.64	345.84								344.66
12-Aug-02	341.98	342.12	341.68	341.11	340.48	340.92	340.68		343.92	341.70	343.70	344.79								342.66
04-Nov-02	341.65	342.68	342.13	340.57	340.06	340.57	340.93		343.05	341.28	344.17	346.23								N/A
22-Apr-03	342.84	342.84	342.43	341.24	340.64	341.34	341.48		344.99	342.37	344.26	345.55								344.60
23-Jun-03	342.73	342.67	342.28	341.12	340.56	341.20	341.05		344.72	342.46	344.25	345.26		342.03	342.70	340.54				N/A
02-Sep-03	N/A	342.13	341.63	340.52	339.98	340.59	340.88		343.75	341.58	343.72	344.64		341.30	341.83	339.94				342.65
03-Nov-03	342.76	342.68	342.13	340.81	340.31	340.88	341.14		343.93	341.84	344.17	346.23	316.76	341.82	342.23	340.27				344.65
19-Apr-04	342.88	342.88	342.53	341.92	341.38	341.69	342.16		345.41	342.75	344.63	346.12	317.89	342.48	343.22	341.55				344.57
07-Jun-04	342.45	342.33	342.23	341.78	341.21	341.55	342.50		344.85	342.32	344.21	345.16	317.94	342.12	342.67	341.32				N/A
23-Aug-04	342.34	342.55	342.01	341.44	340.84	341.38	342.11		344.36	341.94	343.75	344.74	318.00	341.79	342.23	340.92				342.76
01-Nov-04	342.39	342.32	342.03	341.17	340.57	341.08	342.44		343.25	341.73	343.92	345.80	316.63	341.63	341.95	340.64				344.31
11-Apr-05	342.94	342.96	342.62	342.09	341.52	341.82	342.12		345.47	342.75	344.47	345.57	317.27	342.57	343.19	341.69				344.36
21-Jun-05	342.38	342.68	342.18	341.55	341.00	341.46	341.32		344.73	342.28	344.19	345.08	317.55	342.14	342.62	341.00				343.49
31-Aug-05	342.06	342.14	341.82	340.91	340.33	340.92	341.51		343.68	341.47	343.09	344.31	315.32	342.72	341.77	340.44				341.68
15-Nov-05	342.38	342.46	341.87	340.84	340.35	341.03	342.29		343.63	341.64	343.88	345.74	314.99	341.75	342.08	340.21				344.42
24-Apr-06	342.80	342.86	342.44	341.91	341.48	341.74	342.43		345.42	342.79	344.61	345.97	317.68	342.71	343.22	341.81				344.35
07-Jun-06	342.87	342.86	342.42	341.89	341.33	341.76	342.13		345.41	342.76	344.75	345.68	317.29	342.62	339.60	341.45				344.28
30-Aug-06	342.38	342.25	342.13	341.40	340.81	341.25	342.09		344.43	342.05	343.78	344.86	316.66	341.97	342.34	340.98				342.99
24-Nov-06	342.88	343.02	342.67	342.02	341.50	341.90	342.84		345.39	342.89	344.76	345.94	317.50	342.73	343.29	341.60				344.50
10-Apr-07	Frozen	Frozen	342.59	342.18	341.69	341.96	342.65		345.56	343.02	344.88	346.02	317.91	342.84	343.42	341.85				
18-Jun-07	342.98	342.52	342.19	341.57	341.11	341.50		339.55	344.86	342.28	344.15	345.63	317.19	342.18	342.63	341.25				342.99
13-Aug-07	Dry	342.07	341.57	340.96	340.41	340.88		341.29	343.85	341.21	342.52	344.11	316.14	341.34	341.52	340.49				Dry
15-Nov-07	341.78	341.90	341.60	340.61	340.14	340.69		341.33	343.08	341.08	343.25	345.80	316.96	341.08	341.13	340.23	340.13	340.50	340.23	342.44

Note: All Water Level in mAS

A3 : Performance Monitors Groundwater Elevations - Eastview Road Landfill

Date Monitor	23-Jan-07	20-Feb-07	22-Mar-07	03-Apr-07	08-May-07	05-Jun-06	30-Jul-07	10-Aug-07	24-Sept-07	15-Oct-07	15-Nov-07	07-Dec-07
C1-I	341.94	341.87	342.01	341.97	341.94	341.94	341.56	341.51	341.43	341.51	341.47	341.76
C1-II	341.81	341.53	342.58	341.88	341.70	341.70	341.40	341.38	341.33	341.40	341.35	341.77
C2-I	341.97	341.88	342.03	341.98	341.95	341.95	341.51	341.46	341.34	341.45	341.46	341.75
C2-II	341.48	341.43	342.14	341.62	341.51	341.51	341.23	341.22	341.16	341.25	341.25	341.58
C3-I	342.74	342.65	342.80	342.79	342.72	342.72	342.24	342.14	341.79	342.04	342.08	342.40
C5-I	342.31	342.07	342.32	342.44	342.24	342.24	341.82	341.69	341.27	341.22	341.30	341.91
C6-I	342.06	341.95	342.19	342.14	342.04	342.04	341.59	341.43	340.99	341.05	341.18	341.87
C6-II	342.06	341.94	342.29	342.19	342.04	342.04	341.64	341.50	341.05	341.09	341.20	341.87
C7-I	342.02	341.93	342.10	342.10	342.01	342.01	341.42	341.26	340.89	340.98	341.10	341.90
C8-I	342.37	342.15	342.51	342.62	342.32	342.32	341.63	341.47	341.06	341.55	341.57	342.15
C9-I	342.64	342.51	342.72	342.72	342.66	342.66	341.90	341.71	341.31	341.75	341.77	342.14
C9-II	342.70	342.51	342.77	342.78	342.73	342.73	341.93	341.73	341.34	341.77	341.78	342.44
C10-I	342.52	342.34	342.60	342.59	342.56	342.56	341.77	341.62	341.27	341.67	341.65	342.32
C10-II	342.71	342.50	342.79	342.80	342.77	342.77	341.88	341.70	341.33	341.74	341.73	342.52
C11-I	342.73	342.51	342.85	342.81	342.78	342.78	341.80	341.63	341.27	341.70	341.67	342.48
C11-II	342.79	342.54	342.86	342.89	342.88	342.88	341.79	341.62	341.26	341.69	341.69	342.57
C12-I	342.65	342.38	343.37	343.14	343.09	343.09	341.64	341.47	341.15	341.57	341.51	342.39
C13-I	342.93	342.55	343.13	343.06	342.96	342.96	341.58	341.40	341.10	341.78	341.53	342.71
C14-I	344.60	344.29	344.69	344.77	344.58	344.58	343.03	342.72	342.32	342.71	342.79	343.48
D1-I	341.56	341.45	343.47	342.12	341.53	341.53	341.23	341.20	341.13	341.19	341.19	341.48
D2-I	341.20	341.13	341.18	341.20	341.13	341.13	341.02	341.05	340.99	340.96	341.00	341.07
D3-I	340.64	340.48	341.30	340.60	340.34	340.34	340.13	340.12	340.10	340.09	340.10	340.08
D4-I	341.35	341.32	341.38	341.24	341.34	341.34	341.23	341.18	341.02	341.21	341.16	341.30
D5-I	341.99	341.78	341.93	341.93	341.92	341.92	341.50	341.37	340.98	341.04	341.27	342.06

Note: All Water Level in mASL

A4 : Selected Bedrock and Lower Till Groundwater Elevations - Eastview Road Landfill Site

	Bedrock Locations																	Lower Till Locations			
Monitor Date	**4-IR**	**5-III**	**13-I**	**14-IV**	**15-I**	**16-VII**	**16-VIII**	**19-I**	**20-I**	**37-I**	**50-I**	**53-I**	**54-I**	**90-I**	**90-II**	**91-I**	**92-I**	**11-III**	**16-VI**	**53-II /53-IIR**	**60-I**
13-Jan-94								341.79				341.49	344.30					343.28	341.93	340.53	342.50
20-Jan-94	341.13		341.91		338.17			341.70	342.16	341.02	340.65	341.41	344.24								
17-Feb-94	341.19		341.92		337.91			341.76	342.23	341.02	340.66	341.48	344.22								
16-Mar-94	341.32		342.12		338.05			341.88	342.25	341.02	340.85	341.54	344.48					343.40	342.03	337.28	342.36
12-Apr-94	341.78		342.43		338.59			342.30	342.77	341.61	341.28	341.95	345.21					343.77	342.26	340.02	342.77
20-Apr-94	341.83		342.42		338.69			342.46	342.84	341.68	341.36	341.97	345.31					343.85	342.37	340.37	342.90
16-May-94	342.05		342.52		338.90			342.57	342.86	341.87	341.52	342.08	345.44					343.96	342.13	339.46	343.02
18-Jun-94	341.38		342.12		338.21			341.88	342.17	341.47	341.09	341.66	344.68					343.52	341.73	341.46	342.30
21-Jun-94	341.37		342.13		338.24			341.96	342.25	341.47	341.08	341.69	344.77					343.60	341.77	341.35	342.42
18-Jul-94	341.24		342.42		338.06			341.78	342.80	341.34	340.92	341.58	345.08					343.48	341.61	340.37	342.24
15-Aug-94	340.88		341.64		337.70			341.45	341.81	341.06	340.67	341.30	344.08					343.28	341.43	341.15	341.86
24-Aug-94	340.63		341.51		337.60			341.31	341.69	340.92	340.52	341.19	343.91					343.20	341.33	341.26	341.74
23-Sep-94	340.36		341.54		337.63			340.75	341.78	340.93	341.10	339.97	344.33					343.39	341.39	340.76	341.25
19-Oct-94	340.31		341.42		337.53			340.74	341.74	340.87	340.93	340.80	343.16					342.82	341.20	340.72	341.15
26-Oct-94	340.57		341.16		337.56			340.75	340.91	340.53	340.10	340.84	343.16					343.49	341.25	340.81	341.16
16-Nov-94	340.47		341.30		337.66			340.94	341.45	340.57	340.16	340.16	343.16					342.92	341.39	340.85	341.45
19-Dec-94	340.69		341.38		337.60			341.26	341.68	340.73	340.33	341.12	343.25					343.05	341.54	341.06	341.78
18-Jan-95	341.42		341.62		338.22			342.00	342.29	341.29	340.95	341.55	344.29					343.42	342.32	341.50	342.35
15-Feb-95	341.37		341.44		338.13			341.91	342.19	340.78	340.68	341.56	344.65					343.47	341.81	341.68	342.30
13-Mar-95	341.46		341.49		338.21			341.92	342.15	340.95	340.88	341.66	344.58					343.54	342.11	341.74	342.22
11-Apr-95	341.56		342.24		338.04			342.08	342.35	341.40	341.03	341.70	344.67					343.54	341.87	341.74	342.45
18-Apr-95	341.58		342.21		338.31			342.12	342.36	341.38	340.99	341.69	344.68					343.49	341.86	341.80	342.48
11-May-95	341.67		342.04		338.55			342.33	342.68	341.58	341.23	341.80	345.22					343.76	341.93	341.73	342.75
16-Jun-95	341.46		342.06		338.03			341.99	342.46	341.25	340.85	341.70	344.78					343.37	341.73	341.37	342.50
21-Jun-95	341.46		342.06		338.03			341.99	342.46	341.25	340.85	341.70	344.78					343.37	341.73	341.37	342.50
17-Jul-95	341.27		341.90		338.08			341.74	342.12	341.18	340.82	340.54	344.41					343.45	341.74	341.36	342.17
15-Aug-95	341.38		342.02		338.25			341.84	342.16	341.30	340.95	341.36	344.22					343.48	342.05	341.51	342.26
21-Aug-95	341.17		341.97		337.73			341.86	342.27	341.15	340.87	341.47	344.26					343.66	341.75	341.39	342.36
23-Sep-95	340.75		341.60		337.81			341.21	341.83	340.87	341.05	340.44	343.72								
28-Sep-95																		343.41	341.55	341.01	341.51
18-Oct-95																		343.42	341.56	341.03	341.53
19-Oct-95	340.77		341.63		337.84			341.24	341.86	340.89	340.99	340.52	343.78								
11-Nov-95																		343.61	342.15	341.16	342.34
13-Nov-95	341.59		342.15		338.34			342.07	342.32	341.36	341.64	341.73	344.26					343.56	342.21	341.50	342.35
22-Nov-95	341.96		342.32		338.67			342.25	342.58	341.64	341.34	341.99	344.82								
18-Dec-95	341.68		342.25		338.26			342.21	342.46	341.50	341.17	341.87	344.84					343.66	341.87	338.56	342.76

Note: All Water Level in mAS

A4 : Selected Bedrock and Lower Till Groundwater Elevations - Eastview Road Landfill Site

	Bedrock Locations																	Lower Till Locations			
Monitor Date	**4-IR**	**5-III**	**13-I**	**14-IV**	**15-I**	**16-VII**	**16-VIII**	**19-I**	**20-I**	**37-I**	**50-I**	**53-I**	**54-I**	**90-I**	**90-II**	**91-I**	**92-I**	**11-III**	**16-VI**	**53-II /53-IIR**	**60-I**
16-Jan-96	341.12		341.91		337.83			341.72	342.08	341.13	340.78	341.43	344.39					343.36	341.70	340.83	342.31
14-Feb-96	341.33		342.15		337.93			342.06	342.43	341.39	341.03	341.63	344.87					343.75	342.06	341.56	342.54
13-Mar-96	341.28		342.14		337.94			342.03	342.39	341.37	341.02	341.62	344.86					343.64	341.96	341.76	342.47
09-Apr-96	341.62		342.28		338.34			342.30	342.63	341.59	341.27	341.79	345.27					343.81	342.13	341.76	342.73
15-Apr-96	341.62		342.28		338.34			342.30	342.63	341.59	341.27	341.79	345.27					343.81	342.13	341.76	342.73
06-May-96	342.00		342.57		339.00			342.58	343.01	341.97	341.59	342.08	345.57					344.18	342.23	337.11	343.08
10-Jun-96	342.05		342.44		339.00			342.47	342.82	342.04	341.65	342.13	345.31					344.02	342.21	340.99	342.90
13-Jun-96	342.05		342.44		339.00			342.47	342.82	342.04	341.65	342.13	345.31					344.02	342.21	340.99	342.90
16-Jul-96	341.77		342.35		338.87			342.22	342.64	341.94	341.52	341.96	345.07					343.89	342.01	338.83	342.70
12-Aug-96	341.40		342.09		338.51			341.96	342.41	341.59	341.27	341.72	344.75					343.96	341.78	340.84	342.49
15-Aug-96	341.40		342.09		338.51			341.96	342.41	341.59	341.27	341.72	344.75					343.96	341.78	340.84	342.49
17-Sep-96	341.80		342.32		338.67			342.12	342.49	341.75	341.34	341.92	344.79					343.80	342.06	338.35	342.57
16-Oct-96	341.80		342.39		338.66			342.24	342.63	341.78	341.39	341.91	344.91					343.74	342.02	340.87	342.65
12-Nov-96	341.82		342.45		338.75			340.40	342.42	341.79	341.46	341.90	345.01					343.84	342.06	341.43	342.64
13-Nov-96	341.82		342.45		338.75			340.40	342.42	341.79	341.46	341.90	345.01					343.84	342.06	341.43	342.64
12-Dec-96	341.75		342.41		338.49			340.26	342.41	341.71	341.45	341.85	344.92					343.70	342.05	339.31	342.58
20-Jan-97	341.78		342.45		338.56			340.26	342.55	341.88	341.61	341.92	345.01					343.90	342.04	341.52	342.83
18-Feb-97	341.67		342.32		338.32			340.17	342.42	341.76	341.48	341.83	344.80					343.79	341.98	341.80	342.59
21-Mar-97	342.09		342.64		338.94			340.62	342.83	342.20	341.92	342.12	345.44					344.12	342.19	341.98	342.95
21-Apr-97	342.07		342.66		339.04			340.90	342.86	342.29	341.97	342.06	345.48					344.29	342.16	342.06	342.98
14-May-97	342.03		342.64		339.04			340.97	342.80	342.28	341.88	342.16	345.41					344.25	342.19	335.48	342.92
09-Jun-97	341.66		342.43		338.74			340.53	342.37	341.86	341.51	341.84	344.98					343.98	341.91	340.11	342.51
15-Jul-97	341.33		342.06		338.52			340.17	341.90	341.61	341.26	341.63	344.47					343.63	341.58	338.50	342.01
18-Aug-97	340.87		341.47		337.72			339.69	341.21	341.51	340.71	341.20	343.80					343.22	341.50	340.67	341.36
29-Sep-97	341.00		341.71		338.25			340.08	341.57	341.21	340.88	341.33	343.64					343.24	341.49	339.43	341.74
20-Oct-97	340.75		341.44		337.91			339.91	341.35	340.99	340.66	341.15	343.21					343.08	341.42	340.62	341.53
10-Nov-97	341.20		341.89		338.25			340.26	341.65	341.24	340.91	341.50	343.54					343.38	341.78	341.04	341.77
15-Dec-97	341.36		341.96		338.08			340.57	342.01	341.26	340.99	341.59	343.88					343.38	341.79	339.57	342.17
20-Jan-98	341.78		342.33		338.37			340.94	342.49	342.03	341.40	341.91	344.87					343.81	342.02	341.43	342.53
23-Feb-98	341.77		342.37		338.45			340.98	342.54	342.04	341.42	341.67	344.98					343.69	342.18	341.77	342.61
19-Mar-98	341.81		342.47		338.50			341.10	342.68	342.18	341.52	341.89	345.34					343.85	342.13	341.85	342.77
14-Apr-98	341.89		342.50		338.72			341.01	342.60	342.29	341.61	342.03	345.32					343.89	341.98	341.91	342.74
14-May-98	341.69		342.33		338.51			340.73	342.31	342.05	341.37	341.82	344.91					343.67	341.86	339.18	342.40
10-Jun-98	341.04		341.91		337.81			339.98	341.74	341.59	340.89	341.45	344.21					343.41	341.88	340.83	341.86
15-Jul-98	341.06		342.03		338.22			340.03	341.82	341.52	340.83	341.47	344.14					343.50	341.59	339.20	341.97
10-Aug-98	340.58		341.42		337.36			339.30	341.16	341.20	340.54	341.05	343.51					343.15	341.31	340.62	341.28

Note: All Water Level in mAS

A4 : Selected Bedrock and Lower Till Groundwater Elevations - Eastview Road Landfill Site

	Bedrock Locations																	Lower Till Locations			
Monitor Date	**4-IR**	**5-III**	**13-I**	**14-IV**	**15-I**	**16-VII**	**16-VIII**	**19-I**	**20-I**	**37-I**	**50-I**	**53-I**	**54-I**	**90-I**	**90-II**	**91-I**	**92-I**	**11-III**	**16-VI**	**53-II /53-IIR**	**60-I**
23-Sep-98	340.07		340.80		337.10			338.77	340.48	340.74	340.03	340.63	342.62					342.78	340.91	339.67	340.58
16-Oct-98	340.08		340.80		337.35			338.73	340.32	340.70	340.02	340.61	342.47					342.71	340.90	340.51	340.41
09-Nov-98	340.00		340.69		337.31			338.72	340.21	340.60	339.91	340.43	342.22					342.64	340.89	340.85	340.35
15-Dec-98	340.04		341.20		337.32			339.07	340.45	340.62	339.97	340.62	342.34					342.78	341.44	339.04	340.56
26-Jan-99	339.98		341.01		336.99			339.03	340.42	340.45	339.82	340.58	342.33					342.75	341.35	340.90	342.78
15-Feb-99	340.44		341.61		337.29			339.59	341.32	343.04	340.28	340.90	343.22					343.09	341.82	341.22	343.10
16-Mar-99	340.71		341.79		337.73			340.17	341.70	341.10	340.48	341.13	343.88					343.33	341.79	341.48	341.81
16-Apr-99	340.82		341.98		337.83			340.33	341.89	341.19	340.64	341.25	344.26					343.42	341.87	341.59	342.02
20-May-99	340.57		341.83		337.68			339.75	341.69	341.02	340.48	341.06	344.20					342.80	341.69	339.71	341.77
23-Jun-99	340.52		341.71		337.98			339.83	341.70	340.91	340.34	341.01	344.06					342.67	341.50	341.01	341.77
16-Jul-99	340.40		341.78		337.99			339.76	341.68	340.89	340.33	341.00	344.03					342.75	341.52	338.10	341.79
16-Sep-99	340.03		341.37		337.52			339.75	341.10	340.56	339.98	340.65	343.23					342.42	341.42	338.60	341.21
18-Oct-99	340.42		341.65		337.95			340.13	341.50	340.77	340.23	340.92	343.34					342.63	341.59	340.65	341.64
16-Dec-99	341.00		341.93		337.95			339.81	342.19	341.18	340.67	341.32	344.20					342.88	341.87	339.23	342.27
27-Jan-00	340.59		341.78		337.68			340.47	341.97	341.01	340.49	341.13	344.23					342.79	341.70	341.27	342.05
15-Feb-00	340.25		341.54		337.28			340.26	341.73	340.92	340.27	340.81	343.99					342.59	341.60	341.41	341.82
21-Mar-00	340.70		341.95		337.84			340.80	342.27	341.11	340.57	341.07	344.81					343.03	341.92	341.61	342.35
25-May-00	341.07		342.30		338.35			341.21	342.65	341.55	340.98	341.51	345.40					343.36	342.05	340.35	342.71
27-Jul-00	341.31		342.26		338.74			340.98	342.52	341.76	341.18	341.69	345.08					343.34	341.83	339.97	342.58
21-Sep-00	340.81		341.86		338.03			340.46	341.77	341.37	340.78	341.18	344.31					342.93	341.52	339.90	341.84
17-Oct-00	340.80		341.81		338.02			340.44	341.75	341.35	340.75	341.18	344.12					342.81	341.50	340.99	341.82
18-Dec-00	340.64		341.85		337.77			340.56	341.95	341.22	340.57	341.13	344.22					342.76	341.72	340.15	342.06
16-Jan-01	340.58		341.84		337.56			340.50	342.09	341.14	340.50	341.07	344.27					342.72	341.70	341.21	342.20
14-Feb-01	340.96		342.12		337.99			341.06	342.53	341.44	340.91	341.51	345.13					343.22	342.02	341.73	342.03
12-Mar-01	340.93		342.10		337.93			341.00	342.58	341.47	340.94	341.40	345.04					343.09	342.02	341.75	342.65
02-Apr-01	341.10		342.15		338.16			341.28	342.72	341.71	341.18	341.51	345.42					343.51	342.15	341.75	342.78
14-May-01	340.87		342.05		338.05			340.96	342.36	341.53	340.92	341.36	345.01					343.26	341.85	340.39	342.42
25-Jun-01	340.54		341.95		337.69			340.67	342.11	341.27	340.67	341.26	344.59					343.22	341.69	341.41	342.19
26-Jul-01	340.14		341.40		337.36			340.06	341.54	340.90	340.31	340.77	344.07					342.79	341.41	339.24	341.63
13-Aug-01	339.79		341.11		337.07			339.54	341.15	N/A	339.96	340.46	343.66					342.61	341.28	340.20	341.23
19-Sep-01	339.96		341.24		337.54			339.69	340.83	N/A	340.03	340.58	343.19					342.54	341.46	339.99	340.91
29-Oct-01	340.71		341.81		337.98			340.58	341.67	N/A	340.52	341.13	343.85					343.08	341.74	341.16	341.77
05-Nov-01	340.83		341.83		338.02			340.71	341.82	N/A	340.58	341.21	344.10					343.07	341.79	341.19	341.94
21-Dec-01	341.24		342.24		338.39			341.28	342.46	N/A	341.03	341.53	345.07					343.32	342.01	340.61	342.53
29-Jan-02	341.13		342.16		338.17			341.19	342.44	N/A	340.94	341.45	345.02					343.13	341.94	341.54	342.50
22-Feb-02	341.26		342.28		338.32			341.42	342.67	N/A	341.11	341.59	345.38					343.40	342.08	341.71	342.72

Note: All Water Level in mAS

A4 : Selected Bedrock and Lower Till Groundwater Elevations - Eastview Road Landfill Site

	Bedrock Locations																	Lower Till Locations			
Monitor Date	**4-IR**	**5-III**	**13-I**	**14-IV**	**15-I**	**16-VII**	**16-VIII**	**19-I**	**20-I**	**37-I**	**50-I**	**53-I**	**54-I**	**90-I**	**90-II**	**91-I**	**92-I**	**11-III**	**16-VI**	**53-II /53-IIR**	**60-I**
26-Mar-02	341.13		342.22		338.31			341.25	342.63	341.64	341.08	341.51	345.36					343.45	341.97	341.76	342.68
22-Apr-02	341.37		342.38		338.60			341.46	342.79	341.96	341.41	341.68	345.52					343.58	342.12	341.78	342.87
09-May-02	341.62		342.46		338.88			341.58	342.78	342.09	341.48	341.82	345.51					343.69	342.02	337.69	342.84
17-Jun-02	341.47		342.34		338.67			341.38	342.62	341.99	341.39	341.75	345.19					343.54	341.99	341.05	342.67
23-Jul-02	340.62		341.65		337.78			340.51	341.79	341.30	340.69	341.07	344.36					342.99	341.46	340.08	341.88
12-Aug-02	340.43		341.49		337.68			340.29	341.59	341.11	340.48	340.92	343.92					342.87	341.31	340.68	341.70
13-Sep-02	339.93		340.93		337.27			339.70	340.96	340.69	340.06	340.52	343.33					342.50	340.92	339.00	341.06
22-Oct-02	339.88		341.00		337.20			339.92	340.97	340.59	340.01	340.50	343.07					342.45	341.20	340.84	341.16
04-Nov-02	339.99		341.10		337.36			339.98	341.07	340.57	340.06	340.57	343.05					342.48	341.20	340.93	341.28
18-Dec-02	340.11		341.31		337.41			340.06	341.23	340.77	340.08	340.61	343.12					342.50	341.38	340.03	341.44
28-Jan-03	340.19		341.39		337.45			340.26	341.32	340.72	340.05	340.63	343.37					342.46	341.46	341.06	341.52
27-Feb-03	340.08		341.31		337.33			340.23	341.27	340.68	339.93	340.55	343.36					342.42	341.43	341.19	341.43
24-Mar-03	340.61		341.75		337.64			340.74	341.70	340.87	340.35	341.07	344.08					342.87	341.97	341.28	341.81
22-Apr-03	341.06		342.09		338.34			341.20	342.30	341.24	340.64	341.34	344.99					343.18	342.02	341.48	342.37
29-May-03	341.22	345.05	342.36	339.28	338.52	338.81		341.33	342.50	341.41	340.90	341.49	345.11			343.04	340.92	343.28	341.97	339.97	342.57
23-Jun-03	340.87	345.02	342.16	339.32	338.16	338.63		340.74	342.20	341.12	340.56	341.20	344.72		342.03	342.70	340.54	343.14	341.77	341.05	342.46
23-Jul-03	340.56	344.68	341.66	336.71	337.67	338.64	314.51	340.73	341.91	340.85	340.33	340.94	344.32		341.71	342.31	340.31	342.74	341.51	339.09	342.01
26-Aug-03	340.13	344.63	341.29	336.09	337.15	337.51	313.52	340.36	341.47	340.53	339.99	340.63	343.75		341.34	341.87	339.96	342.55	341.31	340.81	341.61
02-Sep-03	340.11	344.56	341.24	336.07	337.11	337.42	313.51	340.31	341.46	340.52	339.98	340.59	343.75		341.30	341.83	339.94	342.52	341.30	340.88	341.58
15-Oct-03	340.15	344.45	341.44	336.17	337.36	339.01	313.74	340.49	341.49	340.52	339.99	340.65	343.58	314.01	341.37	341.83	339.93	342.47	341.55	340.43	341.64
03-Nov-03	340.60	344.43	341.65	336.59	337.79	339.45	316.43	340.92	341.85	340.81	340.31	340.88	343.93	316.76	341.82	342.23	340.27	342.54	341.77	341.14	341.84
23-Dec-03	341.44	344.35	343.23	337.79	338.53	340.10	318.60	341.55	342.52	341.53	341.03	341.61	345.11	318.98	342.38	342.97	341.00	343.21	341.95	342.34	342.58
30-Jan-04	341.08	344.33	341.94	337.10	338.08	339.62	316.07	341.12	342.19	341.37	340.84	341.49	344.65	316.40	342.19	342.53	340.75	343.09	341.76	342.04	342.31
24-Feb-04	340.90	344.32	341.70	336.38	337.57	339.20	313.58	341.21	342.21	341.29	340.63	341.21	344.53	313.83	342.12	342.65	340.66	342.93	341.71	341.83	342.30
31-Mar-04	341.53	344.31	342.29	337.53	338.56	339.84	317.15	341.83	342.79	341.92	341.38	341.77	345.61	317.50	342.59	343.28	341.51	343.62	342.27	342.54	342.82
19-Apr-04	341.44	344.31	342.27	337.56	338.47	339.66	317.47	341.68	342.74	341.92	341.38	341.69	345.41	317.89	342.48	343.22	341.55	343.64	342.03	342.16	342.75
17-May-04	341.60	344.30	342.40	338.19	338.91	340.27	318.77	341.64	342.75	342.07	341.50	341.78	345.43	319.28	342.53	343.22	341.64	343.71	342.00	342.21	342.80
07-Jun-04	341.17	344.29	342.12	337.66	338.45	339.60	317.81	341.21	342.23	341.78	341.21	341.55	344.85	317.94	342.12	342.67	341.32	343.35	341.77	342.50	342.32
18-Jun-04	341.30	344.30	342.27	337.77	338.63	339.72	318.10	341.33	342.31	341.90	341.30	341.68	345.03	318.14	342.25	342.87	341.40	343.47	341.83	342.33	342.40
06-Jul-04	341.17	344.29	342.12	337.66	338.45	339.60	317.81	341.21	342.23	341.78	341.21	341.55	344.85	317.94	342.12	342.67	341.32	343.35	341.77	342.50	342.32
23-Aug-04	340.87	344.24	341.84	337.91	338.23	339.65	317.95	340.80	341.88	341.44	340.84	341.38	344.36	318.00	341.79	342.23	340.92	343.16	341.64	342.11	341.94
27-Sep-04	340.53	344.23	341.78	337.97	338.12	339.61	317.45	340.35	341.66	341.19	340.68	341.17	344.15	317.96	341.30	342.06	340.78	343.00	341.56	342.10	341.79
15-Oct-04	340.43	344.21	341.78	337.91	337.99	339.37	316.99	340.48	341.64	341.19	340.63	341.13	343.52	317.11	341.47	341.99	340.69	342.94	341.59	342.24	341.77
01-Nov-04	340.41	344.21	341.73	337.74	337.84	339.23	316.18	340.66	341.58	341.17	340.57	341.08	343.25	316.63	341.63	341.95	340.64	342.85	341.62	342.44	341.73
21-Dec-04	341.41	344.20	342.21	338.36	338.45	339.80	318.35	341.36	342.38	341.67	341.15	341.63	344.82	318.94	342.35	342.80	341.20	343.26	341.92	342.45	342.34
13-Jan-05	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: All Water Level in mAS

A4 : Selected Bedrock and Lower Till Groundwater Elevations - Eastview Road Landfill Site

	Bedrock Locations																	Lower Till Locations			
Monitor Date	**4-IR**	**5-III**	**13-I**	**14-IV**	**15-I**	**16-VII**	**16-VIII**	**19-I**	**20-I**	**37-I**	**50-I**	**53-I**	**54-I**	**90-I**	**90-II**	**91-I**	**92-I**	**11-III**	**16-VI**	**53-II /53-IIR**	**60-I**
24-Feb-05	341.63	342.55	342.36	338.49	338.59	339.39	318.76	341.59	342.52	341.58	341.48	341.82	345.17	319.31	342.51	343.01	341.56	343.51	342.11	342.16	342.70
21-Mar-05	341.61	342.65	341.79	338.42	338.58	339.23	317.27	341.64	342.73	341.80	341.52	341.82	345.35	317.93	342.54	343.12	341.65	343.51	342.11	342.16	342.70
11-Apr-05	341.55	342.71	341.27	338.36	338.56	339.17	317.05	341.67	342.69	342.09	341.52	341.82	345.47	317.27	342.57	343.19	341.69	343.89	342.19	342.12	342.75
18-May-05	341.44	342.77	342.22	338.39	338.36	339.99	316.83	341.64	342.61	341.92	341.37	341.72	345.27	317.18	342.48	343.08	341.46	343.56	341.96	339.99	342.67
21-Jun-05	341.15	342.36	342.04	338.16	337.73	339.58	317.05	341.25	342.21	341.55	341.00	341.46	344.73	317.55	342.14	342.62	341.00	343.26	341.70	341.32	342.28
28-Jul-05	340.64	341.98	341.56	337.72	337.66	339.25	315.47	340.67	341.64	341.15	340.60	341.13	344.09	315.78	341.71	342.06	340.63	342.85	341.43	339.76	341.77
31-Aug-05	340.63	341.89	341.49	337.65	337.51	338.99	314.96	340.51	341.38	340.91	340.33	340.92	343.68	315.32	342.72	341.77	340.44	342.76	341.47	341.51	341.47
21-Sep-05	340.15	341.62	341.33	337.57	337.62	339.34	314.96	340.42	341.26	340.74	340.19	340.75	343.42	315.34	341.29	341.60	340.16	342.58	341.23	337.29	341.39
28-Oct-05	340.30	341.73	341.54	337.55	337.49	339.38	314.63	340.63	341.55	340.78	340.25	340.84	343.42	315.03	341.54	341.86	340.22	342.66	341.55	341.59	341.70
15-Nov-05	340.51	342.17	341.65	337.50	337.48	339.37	314.57	340.86	341.48	340.84	340.35	341.03	343.63	314.99	341.75	342.08	340.21	342.77	341.64	342.29	341.64
20-Dec-05	340.99	342.40	341.87	338.16	337.87	339.42	314.51	341.21	342.18	341.16	340.61	341.34	344.63	314.88	342.20	342.60	340.62	343.03	341.82	342.42	342.27
23-Jan-06	341.06	342.84	342.17	338.40	338.14	339.77	315.34	341.33	342.41	341.40	340.95	341.33	345.21	315.66	342.10	342.86	341.02	343.41	342.09	342.54	342.45
20-Feb-06	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple	t Comple
21-Mar-06	341.51	342.95	342.35	338.60	338.53	339.98	317.11	341.79	342.77	341.98	341.40	341.81	345.54	317.42	342.62	343.27	341.52	343.82	342.07	342.50	342.83
24-Apr-06	341.48	342.64	342.31	338.49	338.53	339.95	316.81	341.84	342.75	341.91	341.48	341.74	345.42	317.68	342.71	343.22	341.81	343.61	341.97	342.43	342.79
26-May-06	341.44	342.83	342.27	338.72	338.61	340.13	317.14	341.74	342.70	341.90	341.34	341.76	345.28	317.50	342.53	343.14	341.44	343.64	341.99	342.22	342.75
07-Jun-06	341.43	342.83	342.24	338.95	338.58	340.07	316.98	341.56	342.71	341.89	341.33	341.76	345.41	317.29	342.62	339.60	341.45	343.56	341.98	342.13	342.76
28-Jul-06	341.18	342.64	342.13	338.54	338.35	339.92	317.11	341.25	342.34	341.61	341.05	341.52	344.89	317.49	342.26	342.75	341.14	343.37	341.87	342.20	342.43
30-Aug-06	340.81	342.31	341.88	338.46	338.16	339.70	316.39	340.96	N/A	341.40	340.81	341.25	344.43	316.66	341.97	342.34	340.98	343.13	342.10	342.09	342.05
26-Sep-06	340.96	342.43	341.97	338.30	338.24	339.93	316.06	341.11	341.99	341.36	340.82	341.33	344.35	316.45	342.04	342.37	340.90	343.03	341.73	342.46	342.09
31-Oct-06	341.62	342.84	342.36	338.59	338.40	340.16	316.91	341.86	342.76	341.95	341.45	341.86	345.34	317.27	342.71	343.21	341.58	343.70	342.12	342.63	342.80
24-Nov-06	341.63	342.83	342.37	338.61	338.41	340.13	317.13	341.93	342.84	342.02	341.50	341.90	345.39	317.50	342.73	343.29	341.60	343.61	342.12	342.84	342.89
18-Dec-06	341.71	342.80	342.38	338.87	338.63	340.46	317.67	341.97	342.94	342.16	341.63	341.94	345.47	318.08	342.81	343.40	341.77	343.80	342.06	342.55	342.99
22-Jan-07	341.54	342.71	342.34	338.76	338.52	340.32	317.44	341.58	342.81	342.10	341.62	341.78	345.32	317.82	342.44	343.28	341.74	343.75	341.99	342.28	342.91
27-Feb-07	341.35	342.34	342.06	338.36	338.28	340.02	317.06	341.36	342.44	341.88	341.25	341.74	344.74	317.49	342.38	343.13	341.37	343.37	341.80	342.02	342.51
26-Mar-07	341.74	342.90	342.39	338.44	338.47	340.21	317.06	341.93	342.84	342.16	341.62	342.00	345.46	317.45	342.82	343.34	341.77	343.85	342.14	342.63	342.91
10-Apr-07	341.72	342.90	342.42	338.60	338.51	340.28	317.49	341.96	342.95	342.18	341.69	341.96	345.56	317.91	342.84	343.42	341.85	343.94	342.07	342.65	343.02
22-May-07	341.62	342.74	342.34	338.63	338.62	340.41	317.38	341.72	342.74	342.07	341.52	341.87	345.33	317.76	342.66	343.20	341.63	343.74	341.96	342.46	342.81
18-Jun-07	341.14	342.20	342.16	338.24	338.20	340.10	316.81	341.11	342.25	341.57	341.11	341.50	344.86	317.19	342.18	342.63	341.25	343.31	341.61	339.55	342.28
26-Jul-07	340.59	341.61	341.52	337.82	337.75	339.86	316.12	340.50	341.49	341.16	340.60	341.05	344.15	316.49	341.67	341.87	340.72	342.79	341.22	341.48	341.57
13-Aug-07	340.33	341.42	341.35	337.63	337.59	339.67	315.81	340.01	341.18	340.96	340.41	340.88	343.85	316.14	341.34	341.52	340.49	342.63	341.08	341.29	341.21
27-Sep-07	339.93	341.05	340.99	337.30	337.23	339.35	315.04	339.78	340.62	340.55	340.05	340.51	343.09	315.43	340.98	340.92	340.09	342.27	340.82	341.30	340.70
22-Oct-07	340.02	341.31	341.25	337.59	337.52	339.55	316.38	339.84	340.66	340.56	340.10	340.59	343.06	316.83	341.00	340.96	340.07	342.29	340.98	341.38	340.75
15-Nov-07	340.12	342.36	341.29	337.63	337.62	339.69	316.47	340.06	340.91	340.61	340.14	340.69	343.08	316.96	341.08	341.13	340.23	342.29	341.12	341.33	341.08
14-Dec-07	340.64	341.98	341.71	337.45	337.78	339.87	314.82	340.69	341.51	340.88	340.45	341.02	343.55	315.14	341.76	341.79	340.44	342.69	341.64	341.59	341.67

Note: All Water Level in mAS

A5 : Routine Leachate Groundwater Elevations - Eastview Road Landfill Site

Monitor	1-I/1-IR	51-I/51-IR	59-I	67-I	65-I	51-II	52-I	55-I/55-IR	56-I/56-IR	57-I	58-I	61-I/61-IR	63-I	66-I/66-IR	68-I	69-I
Geologic Unit	Waste				Fill/ Waste	Outwash										
Date																
21-Jun-93	342.73	346.81					341.89									
22-Jun-93	342.80	346.83					341.97									
23-Jun-93	342.77	346.83					341.95									
24-Jun-93	342.65	346.78					341.73									
25-Jun-93	342.78	346.80					341.82									
28-Jun-93	342.72	346.81					341.80									
29-Jun-93	342.73	346.81					341.78									
30-Jun-93	342.44	346.78					342.09									
02-Jul-93	342.45	346.79					341.72									
08-Jul-93	342.36	345.76					341.72									
16-Jul-93	342.35	345.74					341.71									
22-Jul-93	342.37	345.89					341.72									
08-Aug-93	342.44	346.44					341.75									
18-Aug-93	342.30	346.62					341.82									
24-Aug-93			345.38					342.34	340.71	341.90	341.87					
25-Aug-93	342.22	346.28	343.70				341.85	342.28	341.73	341.92	341.85					
27-Aug-93			343.68					342.31	341.81	342.04	341.99					
30-Aug-93	342.33	346.39	343.69				341.87	342.40	341.91	342.19	342.20					
31-Aug-93	342.37	346.67	343.73				341.87	342.42	341.93	342.23	342.26					
01-Sep-93	342.33	345.94	343.69				341.87	342.38	341.91	342.22	342.26					
02-Sep-93	342.34	346.27	343.70				341.93	342.41	341.96	342.26	342.30					
03-Sep-93	342.38	346.37	343.76				341.97	342.45	341.99	342.32	342.36					
07-Sep-93	342.50	346.49	343.71				342.08	342.60	342.05	342.44	342.44					
08-Sep-93	342.56	346.52	343.75				342.12	342.64	342.10	342.45	342.50					
09-Sep-93	342.59	347.14	343.75				342.14	342.67	342.06	342.43	342.41					
10-Sep-93	342.55	347.13	343.77				342.08	342.60	341.93	342.30	342.24					
13-Sep-93	342.48	347.09	343.75				341.93	342.54	341.85	342.03	341.92					
14-Sep-93	342.40	347.14	343.80			341.49	341.87	342.54	341.85	342.00	341.90	341.70				
15-Sep-93	342.42	346.97	343.80			342.06	341.87	342.44	341.78	342.04	341.99	341.90				
16-Sep-93	342.47	347.18	343.81			342.23	341.86	342.46	341.80	342.12	342.07	342.01				
17-Sep-93	342.46	347.18	343.87			342.16	341.86	342.46	341.80	341.97	341.89	342.09				
20-Sep-93	342.39	347.27	343.89			342.19	341.85	342.40	341.78	341.89	341.82	342.18				
21-Sep-93	342.35	347.33	343.95			342.09	341.85	342.38	341.76	341.88	341.82	342.18				
22-Sep-93	342.33	347.34	343.92			342.09	341.87	342.34	341.75	341.86	341.79	342.20				
23-Sep-93	342.31	347.32	344.00			342.05	341.86	342.35	341.75	341.87	341.82	340.20				
24-Sep-93	342.27	347.38	343.92			341.88	341.86	342.34	341.72	341.73	341.78	340.49				
27-Sep-93	342.26	347.43	343.95			341.96	341.92	342.28	341.74	341.85	341.78	341.30				
28-Sep-93	342.20	347.47	344.02			342.05	341.85	342.23	341.70	341.80	341.77	341.49				
29-Sep-93	342.26	347.43	344.01			342.11	341.86	342.19	341.68	341.78	341.76	341.67				
30-Sep-93	342.23	347.39	343.96			342.08	341.83	342.20	341.69	341.78	341.75	341.78				
01-Oct-93	342.32	347.42	344.02			342.02	341.78	342.18	341.73	341.83	341.77	341.83				
04-Oct-93	342.23	347.49	344.35			342.02	341.75	342.25	341.68	341.82	341.76	341.98				
05-Oct-93	342.12	347.49	344.52			342.13	341.83	342.17	341.63	341.74	341.75	342.03				
06-Oct-93	342.17	347.45	344.17			342.13	341.79	342.19	341.67	341.77	341.75	342.03				
07-Oct-93	342.18	347.46	344.11			341.99	341.73	342.22	341.70	341.81	341.76	342.02				
08-Oct-93	342.16	347.51	344.13			342.03	341.76	342.22	341.70	341.82	341.78	342.05				
12-Oct-93	342.24	347.55	344.22			342.10	341.73	342.24	341.68	341.82	341.77	342.07				
13-Oct-93	342.14	347.58	344.29			342.14	341.80	342.15	341.63	341.73	341.78	342.08				

Note: All Water Level in mASL

Monitor 55-I was replaced by Monitor 55-IR in September 2001. 55-IR was replace in April 2007

Monitor 61-I and 66-I were replaced by Monitors 61-IR and 66-IR in April 2007.

A5 : Routine Leachate Groundwater Elevations - Eastview Road Landfill Site

Monitor	1-I/1-IR	51-I/51-IR	59-I	67-I	65-I	51-II	52-I	55-I/55-IR	56-I/56-IR	57-I	58-I	61-I/61-IR	63-I	66-I/66-IR	68-I	69-I
Geologic Unit	Waste				Fill/ Waste	Outwash										
Date																
14-Oct-93	342.13	347.52	344.77			342.05	341.80	342.17	341.65	341.75	341.76	342.07				
15-Oct-93	342.18	347.59	344.57			342.02	341.76	342.20	341.65	341.77	341.77	342.07				
18-Oct-93	342.27	347.57	344.26			341.90	341.76	342.42	341.63	341.77	341.82	342.05				
19-Oct-93	342.31	347.52	344.16			342.03	341.81	342.54	341.66	341.82	341.84	342.08				
20-Oct-93	342.39	347.52	344.23			342.04	341.75	342.59	341.69	341.85	341.85	342.09				
21-Oct-93	342.51	347.69	344.47			341.33	341.72	342.65	341.68	341.88	341.87	340.55				
25-Oct-93	342.42	347.69	344.37			341.70	341.78	342.57	341.65	341.82	341.87	341.27				
26-Oct-93	342.50	347.71	344.39			341.88	341.75	342.62		341.84	341.86	341.45				
27-Oct-93	342.39	347.77	344.98			342.02	341.79	342.59		341.88	341.87	341.64				
28-Oct-93	342.46	347.81	344.49			341.99	341.80	342.59		341.89	341.89	341.81				
29-Oct-93	342.48	347.88	344.68			341.72	341.79	342.55		341.87	341.91	341.95				
01-Nov-93	342.16	347.83	344.02			341.73	341.81	342.45	341.64	342.01	341.88	342.08				
03-Nov-93	342.38	347.90	344.45			341.84	341.71	342.48	341.70	341.87	341.91	342.01				
04-Nov-93	342.30	347.92	344.48			342.00	341.70	342.44	341.68	341.85	341.91	341.99				
05-Nov-93	342.26	348.00	345.07			341.95	341.73	342.48	341.72	341.89	341.92	340.92				
08-Nov-93	342.30	347.65	344.39			341.96	341.74	342.37	341.65	341.80	341.89	341.19				
09-Nov-93	342.29	347.74	344.76			341.98	341.73	342.36	341.67	341.83	341.90	341.37				
10-Nov-93	342.27	347.75	344.84			342.05	341.73	342.34	341.66	341.82	341.90	341.51				
15-Nov-93	342.27	347.75	344.92			341.82	341.75	342.35	341.68	341.83	341.91	341.43				
16-Nov-93	342.27	347.76	344.93			341.71	341.76	342.34	341.69	341.84	341.93	341.34				
17-Nov-93	342.27	347.77	344.95			341.47	341.78	342.35	341.70	341.86	341.94	341.32				
18-Nov-93	342.18	347.70	345.09			341.97	341.79	342.26	341.64	341.80	341.89	341.51				
19-Nov-93	342.26	347.81	345.16			341.97	341.80	342.37	341.73	341.91	341.94	342.26				
23-Nov-93	342.18	347.62	345.13			341.95	341.75	342.32	341.66	341.81	341.91	341.81				
24-Nov-93	342.16	347.66	345.17			341.99	341.78	342.33	341.65	341.84	341.94	341.86				
25-Nov-93	342.14	347.58	345.13			342.10	341.79	342.31	341.66	341.80	341.93	341.91				
26-Nov-93	342.22	347.67	345.14			342.04	341.82	342.32	341.68	341.81	341.94	341.94				
29-Nov-93	342.26	347.74	345.22			341.88	341.79	342.52	341.66	341.86	342.00	341.91				
30-Nov-93	342.19	347.63	345.17			342.17	341.80	342.50	341.62	342.35	341.97	341.98				
01-Dec-93	342.30	347.58	345.21			342.13	341.79	342.63	341.65	342.30	341.99	341.98				
02-Dec-93	342.41	347.75	345.25			342.09	341.76	342.57	341.74	342.07	342.02	342.00				
03-Dec-93	342.34	347.65	345.24			342.20	341.82	342.65	341.69	341.89	342.03	342.03				
06-Dec-93	342.45	347.76	345.29			342.35	341.73	342.76	341.76	341.96	342.14	342.00				
07-Dec-93	342.37	347.74	345.25			342.25	341.74	342.67	341.68	341.88	341.96	342.03				
10-Dec-93	342.53	347.78	345.37			341.95	341.78	342.75	341.79	341.96	342.02	342.04				
13-Dec-93	342.39	347.65	345.31			342.18	341.78	342.70	341.70	341.90	342.02	342.09				
14-Dec-93	342.41	347.84	345.30			342.20	341.80	342.74	341.73	341.93	342.03	342.09				
15-Dec-93	342.39	347.84	345.29			342.28	341.76	342.73	341.70	341.91	342.03	342.10				
16-Dec-93	342.32	347.77	345.24			342.21	341.77	342.64	341.67	341.86	342.02	342.12				
17-Dec-93	342.34	347.76	345.30			342.15	341.78	342.69	341.71	341.90	342.00	342.12				
20-Dec-93	342.34	347.80	345.29			342.18	341.78	342.71	341.70	341.88	342.01	342.11				
21-Dec-93	342.39	347.90	345.29			341.79	341.78	342.68	341.74	341.95	342.04	342.02				
22-Dec-93	342.35	347.84	345.36			342.11	341.80	342.59	341.70	341.93	342.02	342.03				
23-Dec-93	342.36	347.79	345.28			342.20	341.79	342.55	341.66	341.90	341.98	342.06				
20-Jan-94	342.49	347.88	345.27			342.08	341.73	342.19	341.63	341.75	341.87	341.39				
17-Feb-94	342.57	347.93	345.61			342.81	341.82	342.27	341.73	341.97	341.99	341.65				
22-Feb-94								342.48	341.75							
01-Mar-94	341.59							342.05	341.70							

Note: All Water Level in mASL

Monitor 55-I was replaced by Monitor 55-IR in September 2001. 55-IR was replace in April 2007

Monitor 61-I and 66-I were replaced by Monitors 61-IR and 66-IR in April 2007.

A5 : Routine Leachate Groundwater Elevations - Eastview Road Landfill Site

Monitor	1-I/1-IR	51-I/51-IR	59-I	67-I	65-I	51-II	52-I	55-I/55-IR	56-I/56-IR	57-I	58-I	61-I/61-IR	63-I	66-I/66-IR	68-I	69-I
Geologic Unit	Waste				Fill/ Waste	Outwash										
Date																
08-Mar-94	341.52							341.53	341.64							
16-Mar-94	341.02	348.05	345.61			341.84	341.93	341.48	341.61	341.79	341.92	341.08				
23-Mar-94	340.90							341.38	341.55							
05-Apr-94	341.28							341.80	341.58							
11-Apr-94	341.84	347.93	345.67			341.62	341.45	341.84	341.54	341.86	342.09	341.53				
19-Apr-94	342.11							342.37	341.97							
27-Apr-94	343.11							342.38	342.14							
05-May-94	342.11							341.85	341.68							
10-May-94	341.89							341.65	341.26							
16-May-94	341.75	347.63	345.64			342.18	341.56	341.56	341.05	341.83	342.10	341.92				
25-May-94	341.68							341.45	340.90							
02-Jun-94	341.75							341.70	341.51							
07-Jun-94	341.72							341.60	341.20							
16-Jun-94	341.60							341.40	340.97							
21-Jun-94	341.52	347.87	345.64			341.69	341.60	341.30	340.84	342.06	342.14	341.50				
28-Jun-94	341.47							341.23	340.88							
07-Jul-94	341.42							341.24	340.76							
13-Jul-94	341.37							341.16	340.70							
18-Jul-94	341.93	347.87	345.66			342.21	341.44	341.11	340.69	341.96	342.18	341.66				
27-Jul-94	341.40							341.03	340.70							
03-Aug-94	341.42							341.02	340.64							
11-Aug-94	341.31							340.96	340.61							
15-Aug-94	341.23	347.82	345.64			341.97	341.27	340.93	340.61	341.92	341.82	341.53				
26-Aug-94	341.22							340.93	340.61							
08-Sep-94	341.08							340.82	340.53							
15-Sep-94	341.09							340.79	340.54							
23-Sep-94	341.10	347.81	345.62			341.87	341.39	340.78	340.59	341.94	341.80	341.50				
30-Sep-94	340.99							340.67	340.59							
06-Oct-94	341.01							340.74	340.62							
13-Oct-94	341.05							340.75	340.63							
19-Oct-94	341.09	347.94	345.64			341.64	341.32	340.75	340.64	341.89	341.65	341.52				
26-Oct-94	341.28							340.76	340.64							
03-Nov-94	341.62							340.77	340.65							
11-Nov-94	341.23							340.97	340.94							
16-Nov-94	341.16	347.62	345.62			341.59	341.17	341.00	340.67	341.62	341.70	341.30				
25-Nov-94	341.09							340.94	340.56							
30-Nov-94	341.09							340.91	340.55							
07-Dec-94	341.13							340.92	340.50							
16-Dec-94	341.13							340.79	340.51							
20-Dec-94	341.22	347.56	345.68			341.89	341.22	340.80	340.43	341.52	341.82	341.39				
28-Dec-94	341.13							340.77	340.44							
05-Jan-95	341.09							340.76	340.45							
12-Jan-95	341.11							340.74	340.52							
18-Jan-95	341.62	347.39	345.70			342.09	341.21	341.62	341.51	341.62	342.04	340.80				
25-Jan-95	341.55							341.37	341.27							
02-Feb-95	341.07							341.14	340.71							
09-Feb-95	340.71							341.04	340.65							
15-Feb-95	340.72	347.56	345.85			342.22	341.26	340.99	340.56	341.65	341.90	341.55				

Note: All Water Level in mASL

Monitor 55-I was replaced by Monitor 55-IR in September 2001. 55-IR was replace in April 2007

Monitor 61-I and 66-I were replaced by Monitors 61-IR and 66-IR in April 2007.

A5 : Routine Leachate Groundwater Elevations - Eastview Road Landfill Site

Monitor	1-I/1-IR	51-I/51-IR	59-I	67-I	65-I	51-II	52-I	55-I/55-IR	56-I/56-IR	57-I	58-I	61-I/61-IR	63-I	66-I/66-IR	68-I	69-I
Geologic Unit	Waste				Fill/ Waste	Outwash										
Date																
23-Feb-95	340.89							340.88	340.57							
28-Feb-95	341.15		345.76					340.81	340.53				342.90			
08-Mar-95	341.06		345.77					340.89	340.50				342.89			
13-Mar-95	341.00	347.36	345.78			342.07	341.18	340.75	340.38	341.58	342.00	341.50	342.88			
21-Mar-95	341.02		345.79					340.78	340.40				342.88			
29-Mar-95	341.23		345.84					340.99	340.58				342.90			
06-Apr-95	341.17		345.84					340.90	340.56				342.89			
11-Apr-95	341.05	347.39	345.83			342.07	341.19	340.87	340.56	341.64	342.02	341.08	342.88			
18-Apr-95	341.15		345.85					340.79	340.52				342.87			
05-May-95	341.31		345.77					340.99	340.53				342.87			
11-May-95	341.33	347.59	345.81			342.13	341.18	340.98	340.51	341.66	342.02	341.52	342.89			
15-May-95	341.32		345.79					341.06	340.71				342.89			
26-May-95	341.27		345.79					340.87	340.52				342.87			
01-Jun-95	341.27		345.83					340.97	340.70				342.87			
07-Jun-95	341.14		345.84					340.86	340.53				342.86			
14-Jun-95	341.10		345.84					340.85	340.50				342.86			
21-Jun-95	341.21	347.43	345.82			342.05	341.17	340.84	340.56	341.59	342.04	341.41	342.86			
29-Jun-95	341.04		345.90					340.75	340.50				342.85			
05-Jul-95	341.02		345.92					340.72	340.47				342.85			
11-Jul-95	341.08		345.87					340.70	340.50				342.83			
17-Jul-95	341.18	347.49	345.91	344.23	342.60	342.05	341.07	340.87	340.67	341.53	341.92	341.13	342.81	342.87		
26-Jul-95	341.15		345.88	342.73	342.92			340.85	340.57				342.82	342.88		
02-Aug-95	341.07		345.85	342.69	343.13			340.75	340.47				342.80	342.85		
10-Aug-95	341.06		345.77	342.53	343.32			340.78	340.52				342.80	342.70		
15-Aug-95	341.19	347.30	345.93	342.67	343.39	342.03	341.09	341.05	341.07	341.70	342.13	341.35	342.78	342.85		
17-Aug-95	341.28		345.79	342.53	343.26			341.09	341.09				342.79	342.69		
30-Aug-95	341.14		345.96	342.66	343.30			340.87	340.57				342.78	342.83		
06-Sep-95	340.93		345.90	342.51	343.39			340.80	340.40				342.77	342.68		
13-Sep-95	340.94		345.88	342.50	343.44			340.76	340.40				342.77	342.82		
28-Sep-95	340.95	347.23	345.89	342.46	343.47	341.58	341.12	340.75	340.43	341.68	341.90	341.37	342.73	342.63		
04-Oct-95	340.95		345.87	342.46	343.44			340.77	340.42				342.75	342.65		
11-Oct-95	340.96		345.89	342.48	343.47			340.78	340.43				342.74	342.68		
18-Oct-95	341.07	347.24	345.89	342.50	343.47	341.57	341.10	340.80	340.44	341.68	341.92	341.36	342.77	342.70		
25-Oct-95	340.80		345.95	342.54	343.29			340.53	340.33				342.96	342.61		
01-Nov-95	340.80		345.96	342.58	343.45			340.53	340.53				342.71	342.76		
08-Nov-95	341.15		345.96	342.62	343.45			340.95	340.84				342.73	342.77		
15-Nov-95	341.33		345.99	342.62	343.45			341.26	341.30				342.72	342.77		
22-Nov-95	341.43	347.57	345.68	342.66	343.43	342.29	341.29	341.27	341.24	341.93	342.36	341.71	342.74	342.83		
29-Nov-95	341.50		345.75	342.65	343.04			341.33	341.27				342.75	342.83		
06-Dec-95	341.88		345.79	342.68	343.17			341.45	341.40				342.81	342.84		
18-Dec-95	341.09		345.83	342.72	343.28			341.30	341.17				342.83	342.89		
20-Dec-95	341.33	347.50	345.75	342.73	343.31	342.53	341.63	341.18	341.06	342.13	342.57	341.85	342.79	342.89		
27-Dec-95	340.93		345.71	342.74	343.36			341.08	340.94				342.79	342.89		
16-Jan-96	340.75	347.40	345.51	342.64	343.36	341.98	341.29	340.90	340.62	341.65	341.89	341.52	342.71	342.81		
14-Feb-96	340.96	347.26	345.87	342.71	343.35	342.07	341.44	341.24	341.14	341.73	341.98	341.69	342.99	342.85		
13-Mar-96	340.88	347.40	345.76	342.75	343.33	342.07	341.43	341.25	341.11	341.75	341.94	341.68	342.79	342.81		
11-Apr-96	340.86	347.29	347.76	342.64	343.28	342.09	341.42	341.19	341.09	341.73	342.02	341.65	342.78	342.78		
06-May-96	341.19	347.41	345.76	342.75	343.16	342.23	341.60	341.55	341.55	341.96	342.20	341.85	342.86	342.85		

Note: All Water Level in mASL

Monitor 55-I was replaced by Monitor 55-IR in September 2001. 55-IR was replace in April 2007

Monitor 61-I and 66-I were replaced by Monitors 61-IR and 66-IR in April 2007.

A5 : Routine Leachate Groundwater Elevations - Eastview Road Landfill Site

Monitor	1-I/1-IR	51-I/51-IR	59-I	67-I	65-I	51-II	52-I	55-I/55-IR	56-I/56-IR	57-I	58-I	61-I/61-IR	63-I	66-I/66-IR	68-I	69-I
Geologic Unit	Waste				Fill/ Waste	Outwash										
Date																
10-Jun-96	341.76	347.26	345.67	342.90	343.26	342.29	341.64	341.58	341.67	342.05	342.21	341.94	342.92	342.89		
16-Jul-96	340.98	347.34	345.70	342.85	343.24	342.06	341.59	341.52	341.49	341.77	341.98	341.82	342.88	342.88		
12-Aug-96	341.59	347.52	345.68	342.80	343.29	341.99	341.51	341.45	341.35	341.67	341.89	341.77	342.86	342.82		
17-Sep-96	341.40	347.54	345.68	342.71	343.25	342.07	341.41	341.28	341.28	341.76	342.03	341.66	342.76	342.76		
16-Oct-96	341.43	347.63	345.74	342.65	343.27	342.05	341.44	341.24	341.03	341.72	341.98	341.67	342.78	342.76		
13-Nov-96	341.36	347.49	345.89	342.63	343.27	342.21	341.41	341.19	341.11	341.69	342.06	341.75	342.78	342.75		
12-Dec-96	341.26	347.39	345.84	342.55	343.17	342.14	341.40	341.06	340.88	341.81	342.07	341.66	342.73	342.75		
20-Jan-97	341.03	347.29	345.74	342.69	343.45	342.08	341.58	341.41	341.28	341.76	341.91	341.77	342.79	342.78		
18-Feb-97	341.34	347.32	346.01	342.64	343.51	342.13	341.47	341.29	341.12	341.80	342.01	341.69	342.78	342.75		
21-Mar-97	341.27	347.44	345.90	342.76	343.55	342.25	341.69	341.74	341.69	341.88	342.12	341.93	342.89	342.81		
21-Apr-97	341.80	347.48	345.80	342.79	343.57	342.14	341.80	341.71	341.63	341.89	342.06	341.98	342.92	342.84		
14-May-97	341.63	347.63	346.02	342.74	343.77	342.17	341.59	341.58	341.53	341.85	342.07	341.82	342.90	342.79		
09-Jun-97	341.54	347.34	346.04	342.80	344.05	342.02	341.42	341.39	341.21	341.75	341.94	341.83	342.85	342.36		
15-Jul-97	341.22	347.42	345.90	342.62	344.27	341.94	341.28	341.05	340.79	341.59	341.85	341.58	342.73	342.71		
18-Aug-97	341.12	348.09	346.00	342.56	344.29	341.92	341.08	340.94	340.78	341.58	342.01	341.49	342.67	342.67		
29-Sep-97	341.16	347.88	345.96	342.56	343.54	341.93	341.15	340.94	340.69	341.62	341.69	341.52	342.63	342.68		
20-Oct-97	341.06	347.71	346.07	342.46	343.41	341.74	341.13	340.79	340.55	341.43	341.61	341.41	342.57	342.59		
10-Nov-97		348.09	346.09	342.37	343.03	341.90	Dry	341.00	340.77	341.57	341.84	341.32	Dry	342.55		
15-Dec-97		347.24	346.04	342.41	343.05	341.96	341.24	341.01	340.87	341.36	341.90	341.48	342.57	342.55		
20-Jan-98		347.29	346.06	342.47	343.18	342.17	341.47	341.16	341.02	341.87	342.16	341.65	342.56	342.60		
23-Feb-98		347.20	346.17	342.48	343.18	342.06	341.37	341.26	341.45	341.69	342.01	341.55	342.56	342.62		
19-Mar-98		347.23	346.25	342.49	343.66	342.07	341.35	341.24	340.87	341.67	342.00	341.54	342.57	342.62		
14-Apr-98		347.30	346.23	342.45	344.82	342.03	341.10	340.99	340.68	341.66	341.96	341.54	342.56	342.61		
14-May-98		345.67	346.17	342.40	344.36	341.96	340.52	340.86	340.59	341.57	342.13	341.41	342.56	342.57		
10-Jun-98		346.42	346.20	342.38	343.64	341.86	340.52	340.77	340.52	341.51	341.80	341.37	342.44	342.55		
15-Jul-98		345.16	345.32	342.35	343.27	341.87	341.11	340.74	340.53	341.48	341.84	341.34	342.56	342.51		
10-Aug-98		346.19	345.27	342.04	343.17	341.76	340.52	340.67	340.46	341.39	341.68	341.28	342.44	342.47		
23-Sep-98		345.41	345.51	342.23	343.06	341.73	341.11	340.57	340.41	341.23	341.53	341.17	342.56	342.42		
16-Oct-98		345.50	345.56	342.19	343.02	341.63	341.11	340.53	340.38	341.23	341.56	341.14	342.56	342.37		
27-Oct-98															340.60	
09-Nov-98		346.08	345.64	342.16	343.01	341.61	341.11	340.49	340.40	341.35	341.53	341.15	342.56	342.34		
23-Nov-98															340.55	340.90
15-Dec-98		345.78	346.23	342.12	342.97	341.90	341.11	340.53	340.42	341.30	341.62	341.14	342.56	342.29		
26-Jan-99		346.10	346.37	342.09	342.94	341.80	341.11	340.65	340.84	341.35	341.76	341.10	342.56	342.25	340.72	341.52
15-Feb-99		346.41	346.68	342.09	344.65	341.78	341.11	340.74	340.58	341.43	341.84	341.17	342.56	342.25	340.78	341.52
16-Mar-99		346.49	346.59	342.13	344.60	341.82	341.11	340.76	340.48	341.46	341.91	341.27	342.56	342.28	340.91	341.52
16-Apr-99		346.35	346.47	342.15	343.63	341.92	341.11	340.76	340.49	341.47	341.95	341.26	342.56	342.30	340.82	340.98
20-May-99		345.06	346.39	341.98	344.05	341.89	340.87	340.64	340.30	341.20	341.65	341.21	342.43	343.16		
23-Jun-99		345.33	346.47	341.96	343.59	341.74	340.87	340.62	340.39	341.20	341.57	341.22	342.43	343.13	341.66	341.24
16-Jul-99		345.31	346.22	341.95	343.15	341.68	340.87	340.63	340.15	341.16	341.62	341.22	342.43	343.12	341.69	341.43
16-Aug-99		345.73	345.79	341.92	342.90	341.60	340.87	340.55	340.13	341.09	341.44	341.17	342.43	343.09		341.41
16-Sep-99		345.27	345.37	341.89	342.72	341.60	340.87	340.54	340.13	341.09	341.44	341.16	342.43	343.10		
18-Oct-99		345.61	345.56	341.88	342.68	341.64	340.87	340.60	340.14	341.10	341.52	341.14	342.43	343.04		
16-Nov-99		344.85	345.97	341.91	342.67	341.68	340.87	340.69	340.23	341.21	341.71	341.27	342.43	343.06		
16-Dec-99		345.80	346.32	341.95	342.65	341.71	340.87	340.84	340.43	341.25	341.72	341.33	342.43	343.08	341.87	341.64
27-Jan-00		345.83	Frozen	341.94	343.00	341.81	340.87	340.79	340.42	341.13	341.59	341.20	342.43	343.10	N/A	N/A
15-Feb-00		349.23	Frozen	341.93	343.05	341.65	340.87	340.73	340.41	341.11	341.53	341.22	342.43	343.09	341.90	341.49
21-Mar-00		Broken	347.36	341.95	343.32	341.79	340.87	340.83	340.53	341.24	341.72	341.28	342.43	343.10	341.89	341.65

Note: All Water Level in mASL

Monitor 55-I was replaced by Monitor 55-IR in September 2001. 55-IR was replace in April 2007

Monitor 61-I and 66-I were replaced by Monitors 61-IR and 66-IR in April 2007.

A5 : Routine Leachate Groundwater Elevations - Eastview Road Landfill Site

Monitor	1-I/1-IR	51-I/51-IR	59-I	67-I	65-I	51-II	52-I	55-I/55-IR	56-I/56-IR	57-I	58-I	61-I/61-IR	63-I	66-I/66-IR	68-I	69-I
Geologic Unit		Waste			Fill/ Waste				Outwash							
Date																
12-Apr-00		Broken	346.78	341.96	344.97	341.78	340.87	340.79	340.49	341.21	341.71	341.31	342.43	343.11	341.90	341.64
25-May-00		Broken	346.40	342.00	344.93	341.53	340.87	340.89	340.60	341.31	341.80	341.37	342.43	343.19	341.86	341.64
19-Jun-00		Broken	346.69	341.90	344.48	342.00	340.87	341.01	340.68	341.47	342.13	341.41	342.43	343.15	341.88	341.64
27-Jul-00		Broken	345.94	342.07	344.39	341.79	340.87	340.94	340.65	341.39	341.75	341.48	342.43	343.23	341.86	341.59
14-Aug-00		Broken	346.04	342.08	344.00	341.86	340.87	340.92	340.64	341.35	341.77	341.43	342.43	343.23	341.87	341.60
21-Sep-00		Broken	345.73	342.03	343.40	341.60	340.87	340.84	340.59	341.16	341.55	341.23	342.43	343.18	341.86	341.40
17-Oct-00		Broken	346.00	341.99	343.02	341.66	340.87	Broken	340.61	341.19	341.56	341.28	342.43	343.15	341.86	341.35
06-Nov-00		Broken	345.53	341.97	342.92	341.65	340.87	Broken	340.62	341.17	341.54	341.26	342.43	343.13	341.87	341.35
18-Dec-00		Broken	345.42	341.94	342.93	341.75	340.87	Broken	340.61	341.21	341.70	341.24	342.43	343.10	341.88	341.34
16-Jan-01		Broken	346.26	341.94	342.92	341.80	340.87	Broken	340.79	341.26	341.76	341.32	342.43	343.11	341.89	341.34
14-Feb-01		Broken	346.11	341.97	342.76	341.93	340.87	Broken	340.92	341.38	341.86	341.34	342.43	343.14	341.92	341.65
12-Mar-01		Broken	345.85	342.00	343.61	341.82	340.87	Broken	340.84	341.30	341.72	341.34	342.43	343.12	341.89	341.41
02-Apr-01		Broken	346.69	342.01	344.45	341.85	340.87	Broken	341.08	341.34	341.77	341.41	342.43	343.17	341.89	341.42
14-May-01		Broken	346.14	342.05	344.56	341.53	340.87	Broken	340.82	341.34	341.72	341.41	342.43	343.19	341.93	341.58
25-Jun-01		Broken	346.53	342.03	344.39	341.79	340.87	Broken	340.88	341.29	341.72	341.41	342.43	343.18	341.95	341.57
26-Jul-01		Broken	345.82	341.98	343.63	341.62	340.87	Decom	340.77	341.17	341.48	341.25	342.43	343.12	341.93	341.51
13-Aug-01		Broken	346.13	341.97	343.47	341.55	340.87	Decom	340.85	341.16	341.45	341.30	342.43	343.09	341.91	341.45
19-Sep-01		Broken	346.46	341.88	342.88	341.54	340.87	Decom	N/A	341.12	341.47	341.16	342.43	343.02	341.96	341.46
29-Oct-01		Broken	346.59	341.89	342.83	341.71	340.87	340.97	Broken	341.22	341.64	341.21	342.43	343.05	341.93	341.58
05-Nov-01		Broken	346.81	341.96	342.82	341.74	340.87	340.95	Broken	341.28	341.69	341.29	342.43	343.05	341.95	341.56
21-Dec-01		Broken	346.34	341.94	342.70	341.50	340.87	340.98	Broken	341.21	341.73	341.24	342.43	343.08	341.94	341.63
29-Jan-02			346.58	342.03	342.77	341.78	340.87	340.96	Broken	341.21	341.73	341.27	342.43	343.12	341.95	341.62
22-Feb-02			346.95	342.10	343.59	341.92	340.87	340.96	Broken	341.33	341.83	341.36	342.43	343.13	341.94	341.60
26-Mar-02			346.85	342.09	343.91	341.83	340.87	340.97	Broken	341.24	341.74	341.33	342.43	343.14	341.95	341.61
22-Apr-02			346.21	342.14	343.68	341.83	340.87	341.03	Broken	341.30	341.82	341.35	342.43	343.15	341.95	341.62
09-May-02			346.09	342.01	344.51	341.86	340.87	340.98	Broken	341.28	341.77	341.29	342.43	343.16	341.95	341.62
17-Jun-02			346.50	342.05	344.23	341.84	340.87	341.00	Broken	341.28	341.81	341.45	342.43	343.19	341.96	341.62
23-Jul-02			345.81	342.00	343.67	341.66	340.87	340.83	Broken	341.19	341.52	341.26	342.43	343.14	341.95	341.62
12-Aug-02			346.14	341.98	343.48	341.61	340.87	340.86	Broken	341.17	341.44	341.25	342.43	343.11	341.94	341.62
13-Sep-02			346.51	341.91	343.07	341.45	340.87	340.78	Broken	341.03	341.30	340.47	342.43	343.04	341.94	341.62
22-Oct-02			346.23	341.86	342.81	341.46	340.87	340.71	Broken	341.02	341.36	341.06	342.43	343.00	341.91	341.13
04-Nov-02			347.02	341.86	342.79	341.46	340.87	340.72	Broken	341.07	341.44	341.14	342.43	343.00	341.92	341.14
18-Dec-02			346.52	341.84	342.46	341.37	340.87	340.75	Broken	340.98	341.33	341.02	342.43	342.97	341.93	341.14
28-Jan-03			N/A	341.86	342.67	341.62	340.87	N/A	Broken	341.09	341.41	341.15	342.43	N/A	341.94	341.15
27-Feb-03			N/A	341.83	342.66	341.60	340.87	340.75	Broken	341.06	341.39	341.15	342.43	N/A	341.96	341.16
24-Mar-03			347.73	341.84	342.56	341.68	340.87	341.07	Broken	341.15	341.64	341.15	342.43	342.99	341.90	341.60
22-Apr-03			347.76	341.87	342.56	341.76	340.87	341.05		341.19	341.70	341.17	342.43	342.98	341.93	341.44
29-May-03		344.42	346.86	341.92	344.89	341.87	340.87	341.56	340.62	341.29	341.77	341.33	342.43	broke	341.90	341.61
23-Jun-03		344.38	347.86	341.93	344.64	341.76	340.87	341.60	340.64	341.25	341.71	341.24	342.43	broke	341.89	341.45
23-Jul-03		344.27	346.00	341.91	344.41	341.53	340.87	340.87	340.61	341.16	341.56	341.18	342.43	broke	341.87	341.41
26-Aug-03			346.68	341.97	343.90			340.91	340.64	341.10	341.47	341.18	342.43	broken	341.88	341.41
02-Sep-03		344.18	346.73	341.96	343.86	341.52	340.87	340.90	340.64	341.08	341.47	341.18	342.43	broken	341.88	341.41
15-Oct-03		344.17	347.64	341.94	343.20	341.56	340.87	340.85		341.12	341.49	341.14	342.43	broken	341.88	341.44
03-Nov-03		344.27	348.45	342.02	343.46	341.20	340.87	341.00	340.64	341.24	341.58	341.25	342.43	broken	341.89	341.45
23-Dec-03		344.26	346.79	342.10	344.51	341.95	340.87	341.00	340.61	341.50	342.02	341.35	342.43	broken	341.90	341.44
30-Jan-04		344.19	frozen	342.06	frozen	341.82	340.87	340.88	340.59	341.29	341.74	341.20	342.43	broken	341.88	341.44
24-Feb-04		344.23	Frozen	342.10	Frozen	341.88	340.87	340.85	340.58	341.30	341.80	341.29	342.43	Broken	341.88	341.44
31-Mar-04		344.25	348.48	342.17	344.73	342.00	340.87	341.76	340.87	341.47	341.92	341.48	342.43	broken	341.88	341.44

Note: All Water Level in mASL

Monitor 55-I was replaced by Monitor 55-IR in September 2001. 55-IR was replace in April 2007

Monitor 61-I and 66-I were replaced by Monitors 61-IR and 66-IR in April 2007.

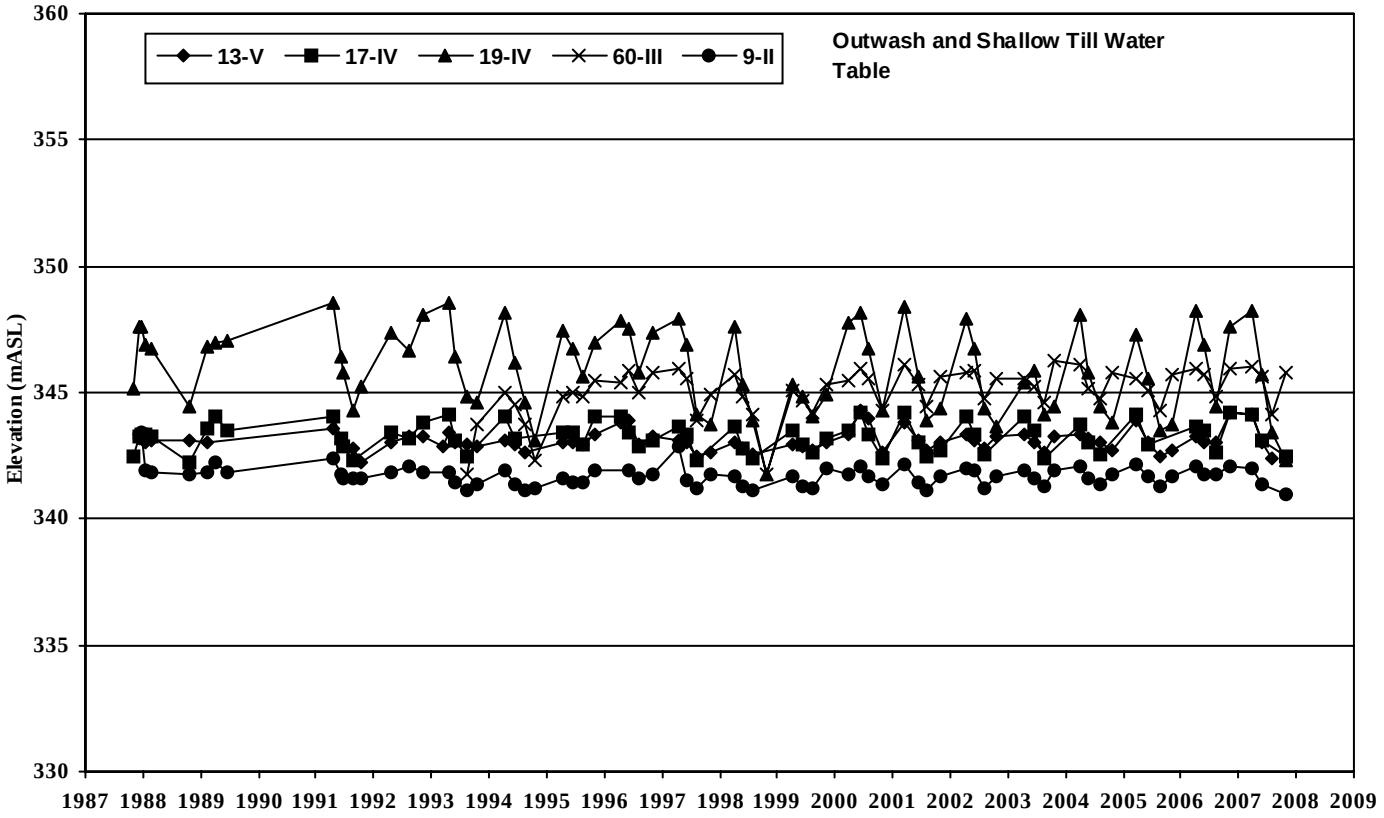
A5 : Routine Leachate Groundwater Elevations - Eastview Road Landfill Site

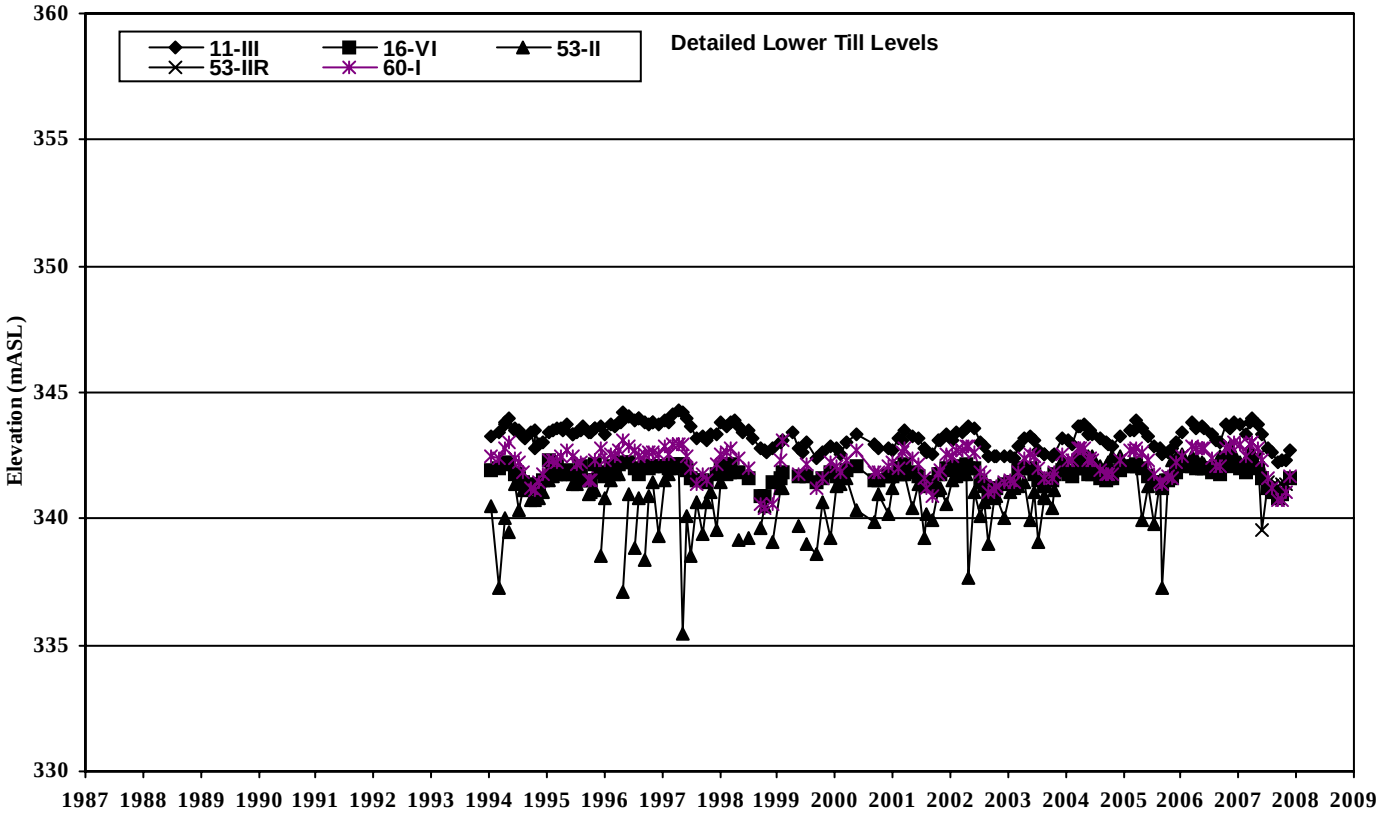
Monitor	1-I/1-IR	51-I/51-IR	59-I	67-I	65-I	51-II	52-I	55-I/55-IR	56-I/56-IR	57-I	58-I	61-I/61-IR	63-I	66-I/66-IR	68-I	69-I
Geologic Unit	Waste				Fill/ Waste	Outwash										
Date																
19-Apr-04		344.23	348.10	342.16	344.74	341.84	340.87	341.69	340.63	341.29	341.92	341.51	342.43	broken	341.88	341.45
17-May-04		344.27	346.95	342.18	344.93	341.92	340.87	342.05	340.65	341.33	341.83	341.40	342.43	broken	341.87	341.43
07-Jun-04		344.39	347.00	342.21	344.50	342.58	Dry	341.80	340.03	341.30	341.76	341.34		broken		
18-Jun-04		344.30	346.97	342.19	344.67	341.91	340.87	341.89	340.26	341.32	341.79	341.37	342.43	broken	341.87	341.44
06-Jul-04		344.31	347.00	342.21	344.50	342.58	340.87	341.80	340.03	341.30	341.76	341.34	342.43	broken	341.88	341.45
23-Aug-04		344.32	346.52	342.20	343.64	341.85	340.87	339.39	340.87	341.33	341.72	341.45	342.43	broken	341.86	341.42
27-Sep-04		344.31	347.18	342.17	343.69	341.80	340.87	339.62	340.83	341.25	341.55	341.42	342.43	broken	341.87	341.45
15-Oct-04		344.29	347.22	342.16	343.66	341.81	340.87	339.62	340.83	341.25	341.61	341.45	342.43	broken	341.87	341.44
01-Nov-04		344.26	347.32	342.13	343.56	341.82	340.87	339.64	340.82	341.24	341.67	341.49	342.43	broken	341.86	341.44
21-Dec-04		344.34	347.00	342.15	343.41	341.95	340.87	341.81	340.85	341.36	341.80	341.58	342.43	broken	341.88	341.44
13-Jan-05		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24-Feb-05	340.98	344.40	348.35	342.21	344.68	342.04	340.87	341.92	340.86	341.41	341.86	frozen	342.43	broken	341.87	341.45
21-Mar-05	340.96	344.38	348.09	342.21	344.70	342.02	340.87	341.90	340.84	341.37	341.85	341.53	342.43	broken	341.87	341.45
11-Apr-05	340.92	344.33	347.68	342.23	344.70	341.96	340.87	341.85	340.78	341.32	341.85	341.46	342.43	broken	341.88	341.44
18-May-05	340.91	344.38	346.88	342.26	345.20	342.00	340.87	340.04	340.80	341.33	341.86	341.46	342.43	broken	341.88	341.44
21-Jun-05	340.91	344.37	347.54	342.26	345.13	341.95	340.87	341.81	340.79	341.29	341.81	341.42	342.43	broken	341.87	341.44
28-Jul-05	340.95	344.38	346.56	342.24	344.68	341.95	340.87	339.44	340.93	341.44	341.76	342.45	342.43	broken	341.86	341.44
31-Aug-05	340.95	344.49	347.15	342.20	344.20	342.38	340.87	339.61	340.84	341.23	340.57	342.28	342.43	broken	341.86	341.44
21-Sep-05	340.87	344.45	346.75	342.17	343.87	341.72	340.87	341.72	340.84	341.18	341.47	342.81	342.43	broken	341.86	341.44
28-Oct-05	340.91	344.39	346.86	341.96	343.62	341.63	340.87	341.72	340.84	341.23	341.60	343.92	Dry	broken	341.87	341.44
15-Nov-05	340.80	344.31	346.93	342.13	343.78	341.83	340.87	341.52	340.58	341.04	341.56	343.69	Dry	broken	341.86	341.44
20-Dec-05	341.00	344.39	346.85	342.20	343.80	342.17	340.87	341.78	340.83	341.59	342.08	345.11	Dry	broken	341.87	341.45
23-Jan-06	340.95	344.44	347.19	342.28	344.29	342.08	340.87	341.83	340.78	341.45	341.90	343.91	342.43	broken	341.86	341.44
20-Feb-06	Not Completed	Not Completed	Not Complete	Not Complete	Not Completed	Not Complete	Not Complete	Not Completed	Not Completed	Not Complete	Not Complete	Not Complete	Not Complete	Not Complete	Not Complete	Not Complete
21-Mar-06	340.90	344.47	347.20	342.36	345.87	342.09	340.87	341.78	340.86	341.40	341.88	342.75	342.43	broken	341.87	341.44
24-Apr-06	340.84	344.43	347.41	342.30	346.16	341.97	340.87	341.62	340.68	341.22	341.95	342.90	342.38	broken	341.86	341.44
26-May-06	340.75	343.87	346.80	341.82	345.59	341.51	340.87	341.18	340.75	341.27	341.78	342.26	342.43	broken	341.87	341.45
07-Jun-06	340.90	344.60	346.96	342.54	346.11	342.23	340.87	341.87	340.92	341.46	341.80	342.25	342.65	broken	341.86	341.44
28-Jul-06	340.83	344.69	350.34	342.55	345.52	342.17	340.87	341.75	340.92	341.41	341.86	Dry	342.65	broken	341.86	341.47
30-Aug-06	340.85	344.66	350.61	342.55	345.40	342.04	340.87	341.76	340.96	341.35	341.81	Dry	342.65	broken	341.86	341.48
26-Sep-06	340.70	344.64	347.58	342.54	345.13	342.09	340.87	341.40	340.87	341.33	341.81	Dry	342.65	broken	341.86	341.54
31-Oct-06	340.77	344.72	347.07	342.59	345.57	342.33	340.87	341.57	340.84	341.48	342.07	347.09	342.65	broken	341.86	341.51
24-Nov-06	340.76	344.62	348.53	342.61	345.64	342.24	340.87	341.69	340.92	341.65	342.16	347.08	342.64	broken	341.86	341.51
18-Dec-06	340.75	344.70	347.38	342.65	345.53	342.22	340.87	341.44	340.76	341.40	341.94	347.16	342.64	broken	341.86	341.51
22-Jan-07	340.81	344.83	347.70	342.75	346.12	342.34	340.87	341.56	340.84	341.49	342.00	347.10	342.64	broken	341.87	341.49
27-Feb-07	340.80	344.83	347.81	342.81	345.51	342.26	340.87	341.45	340.83	341.38	341.89	347.21	342.93	broken	341.86	341.47
26-Mar-07	340.76	344.86	348.43	342.85	345.29	342.44	341.01	341.53	341.15	341.53	342.08	348.11	342.95	broken	341.88	341.58
10-Apr-07	340.75	344.92	348.43	342.87	345.29	342.45	341.01	341.53	341.15	341.53	342.08	348.11	342.95	broken	341.86	341.61
22-May-07	340.75	344.83	347.20	342.88	346.14	342.31	340.87	340.89	340.59	341.39	341.97	342.04	342.93	343.90	341.88	341.55
18-Jun-07	340.90	344.89	347.56	342.74	346.14	342.31	340.87	340.88	340.60	341.40	341.92	342.06	342.98	343.97	341.86	341.54
26-Jul-07	340.75	344.85	347.63	342.84	346.17	342.04	340.87	340.79	340.57	341.21	341.59	341.96	342.90	343.85	341.93	341.10
13-Aug-07	340.75	344.83	348.12	342.82	345.65	341.98	340.87	340.77	340.55	341.19	341.61	341.96	342.88	343.82	341.92	341.10
27-Sep-07	340.73	344.76	348.32	342.63	345.31	341.87	340.87	340.67	340.51	341.11	341.46	341.85	342.70	343.59	341.91	341.10
22-Oct-07	340.69	344.73	347.14	342.57	344.95	341.85	340.87	340.65	340.51	341.10	341.49	341.79	342.63	343.51	341.84	341.12
15-Nov-07	340.71	344.80	347.78	342.53	344.66	341.89	340.87	340.65	340.51	341.16	341.46	341.79	342.58	343.45	341.81	341.12
14-Dec-07	340.76	344.71	347.76	342.50	345.02	342.02	340.87	340.70	340.45	341.23	341.73	341.83	342.52	343.38	341.81	341.47

Note: All Water Level in mASL

Monitor 55-I was replaced by Monitor 55-IR in September 2001. 55-IR was replace in April 2007

Monitor 61-I and 66-I were replaced by Monitors 61-IR and 66-IR in April 2007.





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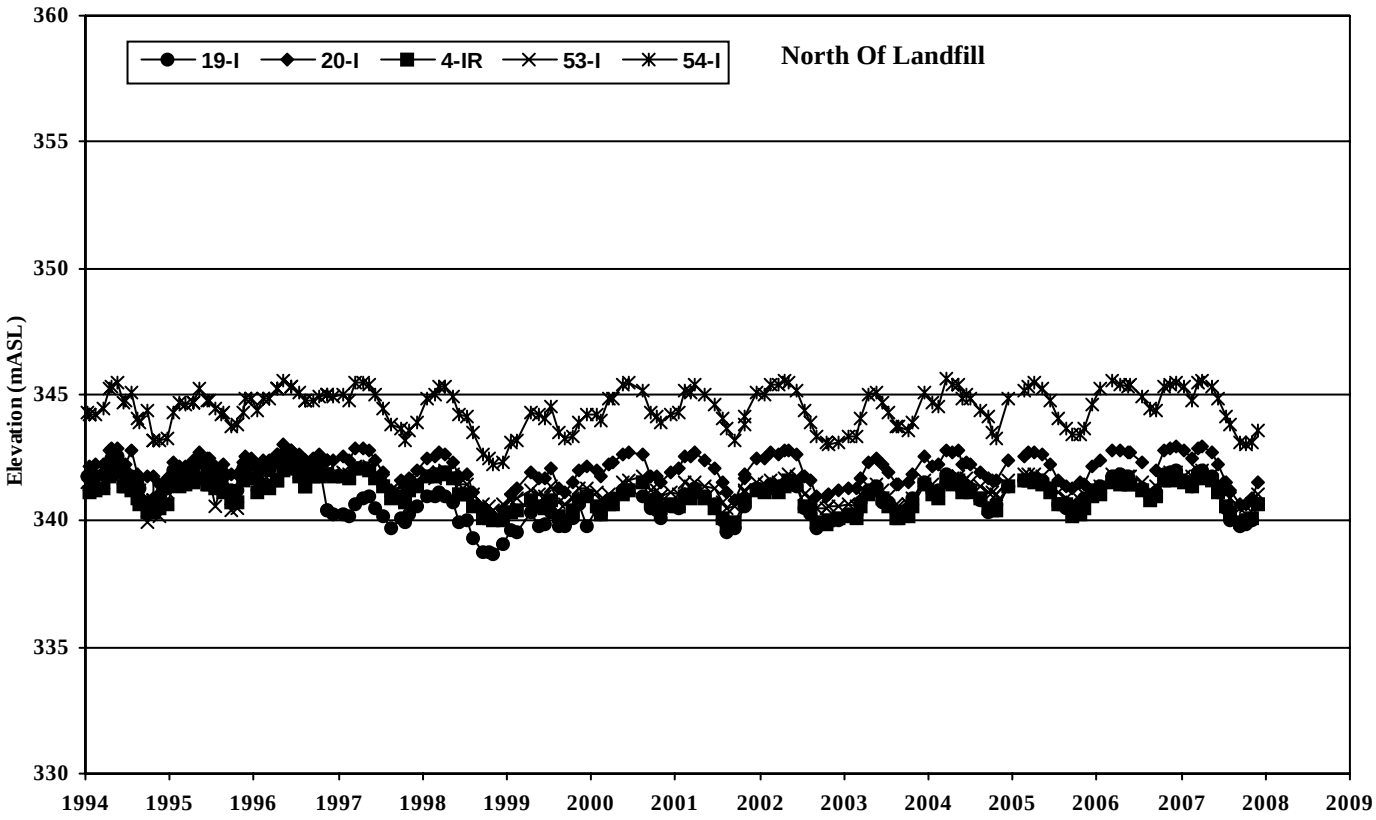
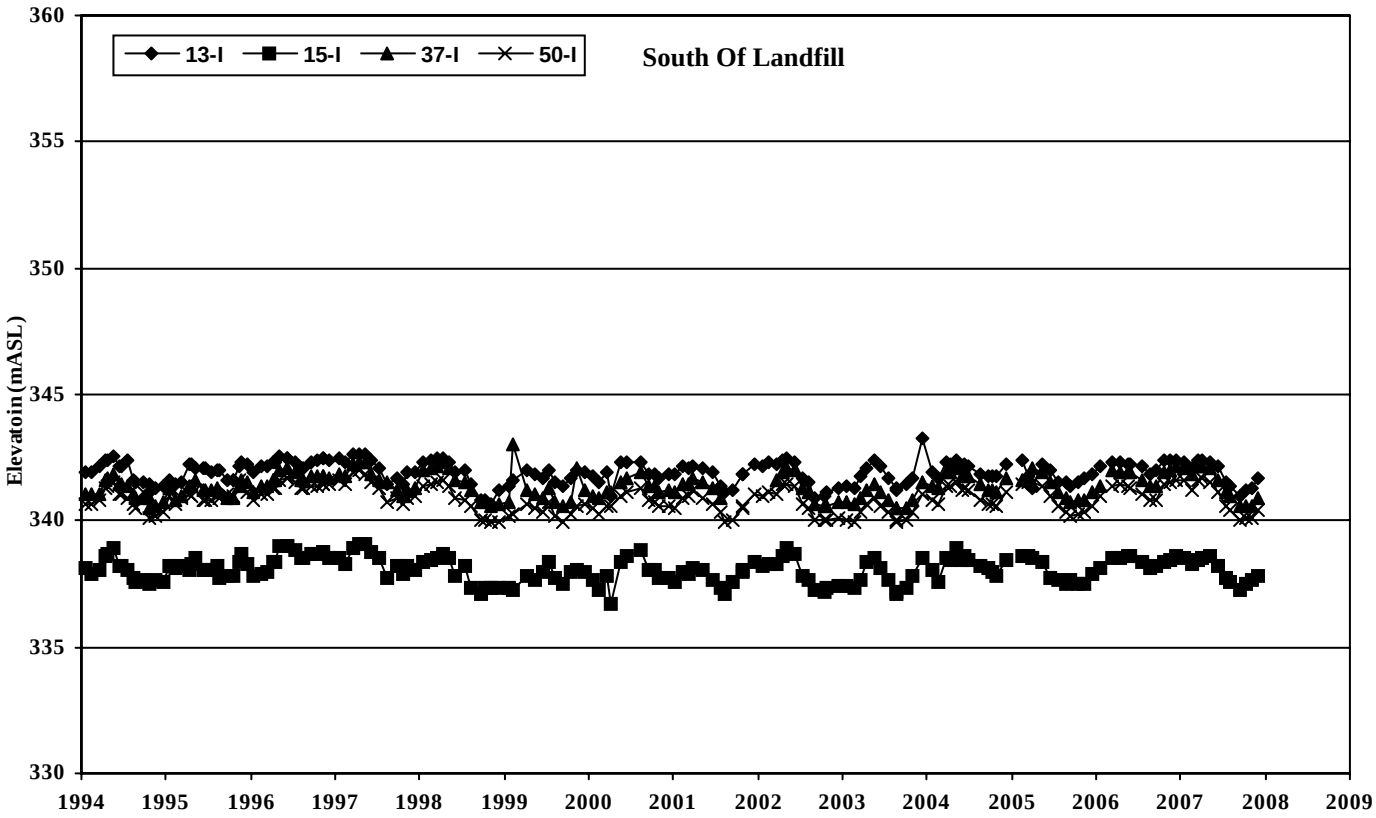
Eastview Road Landfill Site

Groundwater Elevation Trends
Outwash/Shallow Till and Detailed Lower Till Levels Around the Landfill

FIGURE
A1

80-131
10a Shallow and Detailed Till GW





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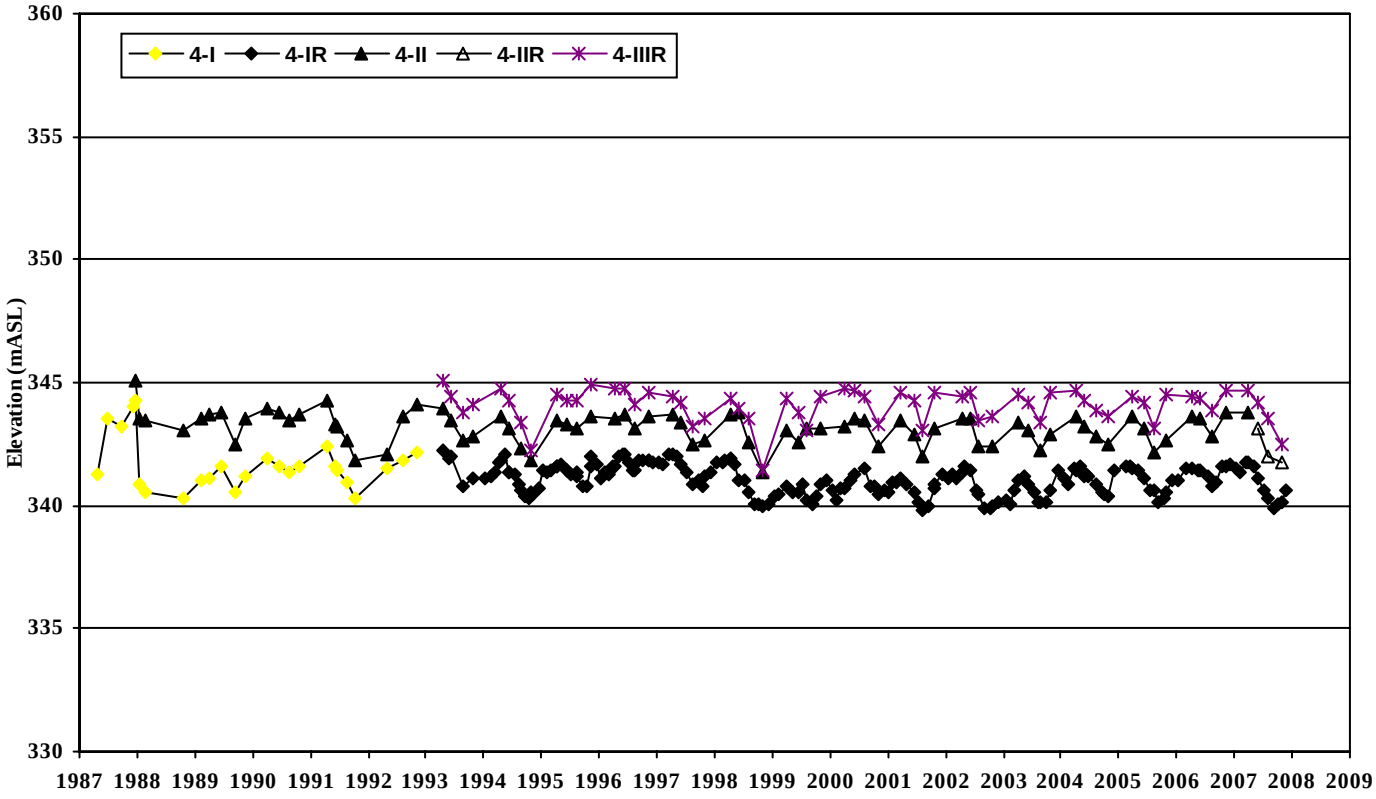
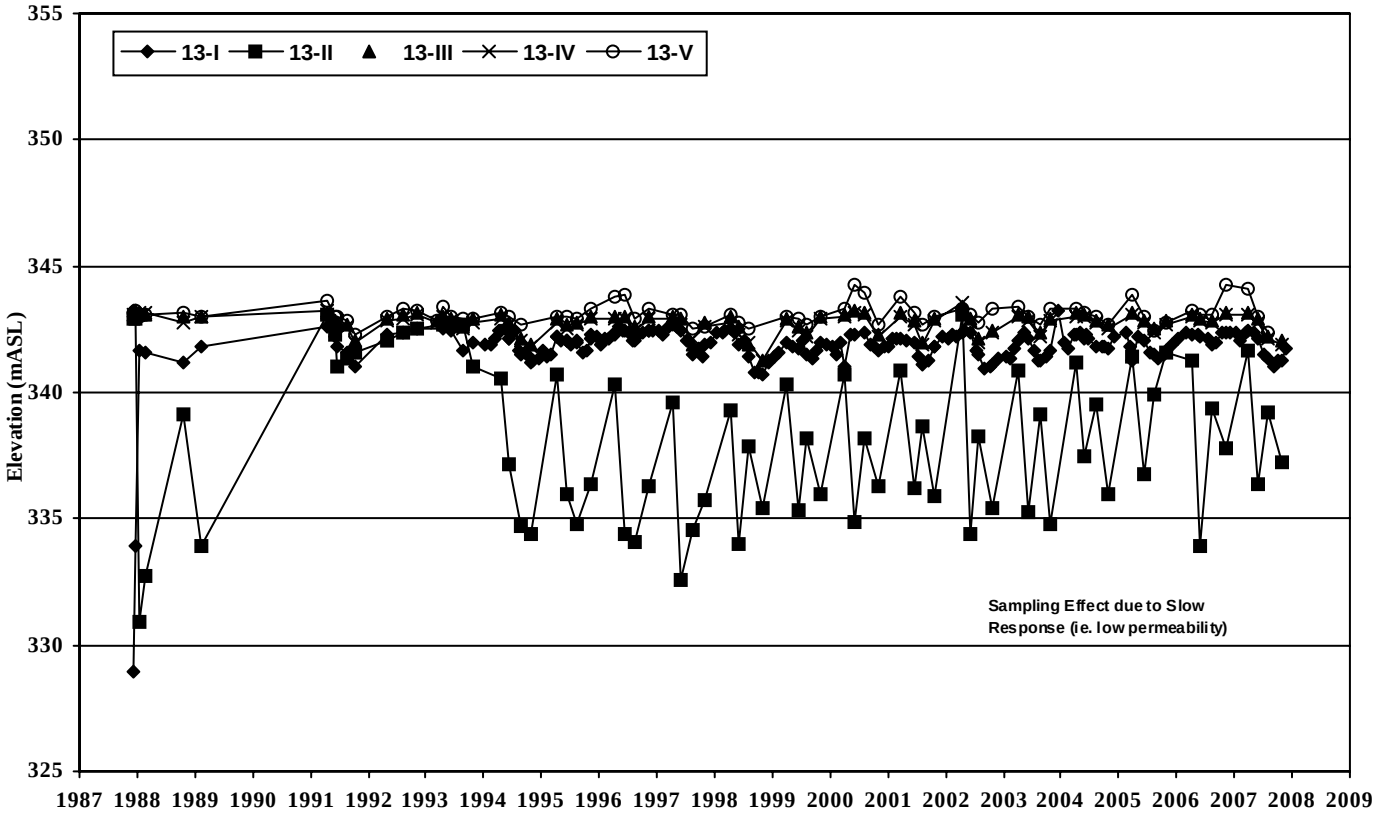
Eastview Road Landfill Site

Groundwater Elevation Trends
Detailed Bedrock Levels North and South of the Landfill

FIGURE
A2

80-131
10a Detailed Bedrock WL





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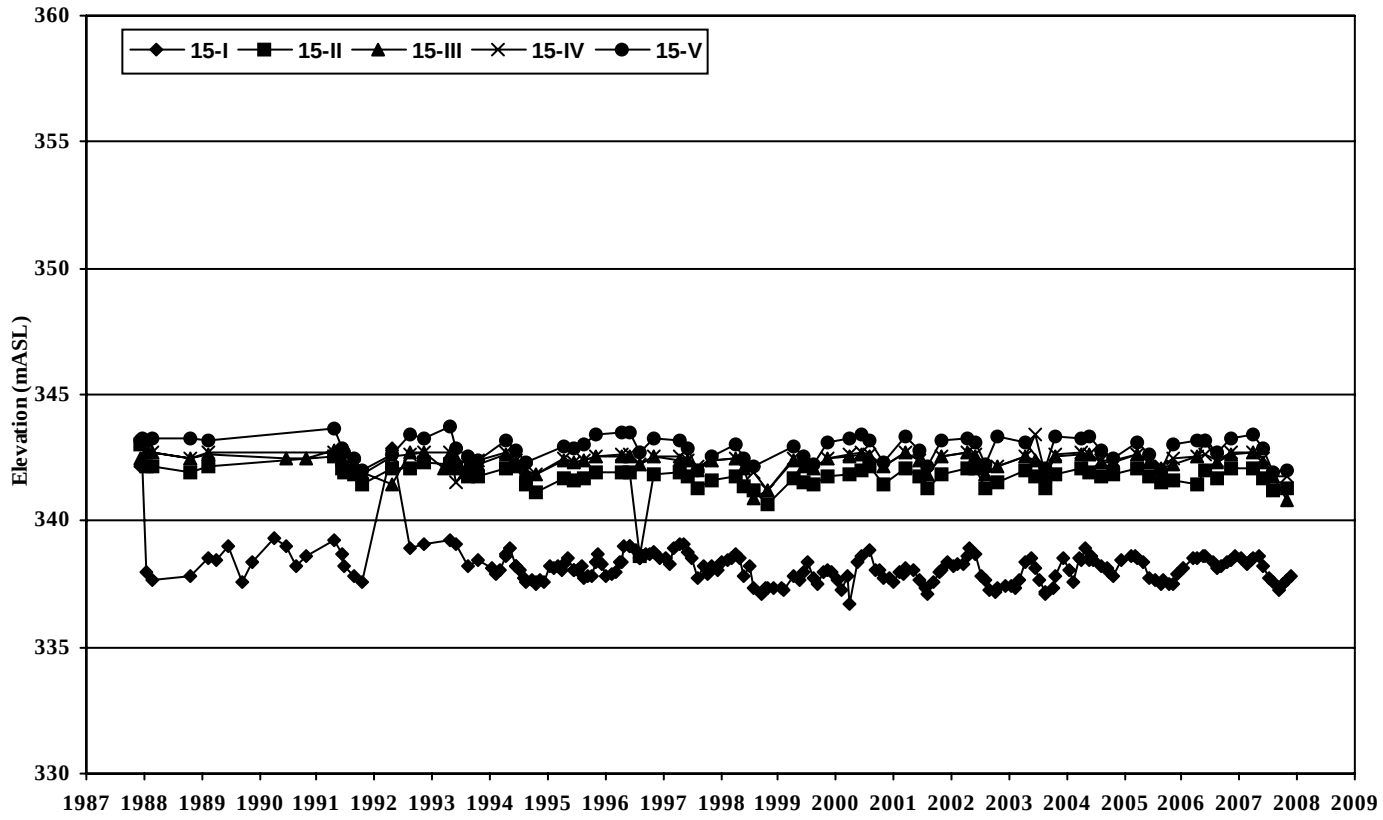
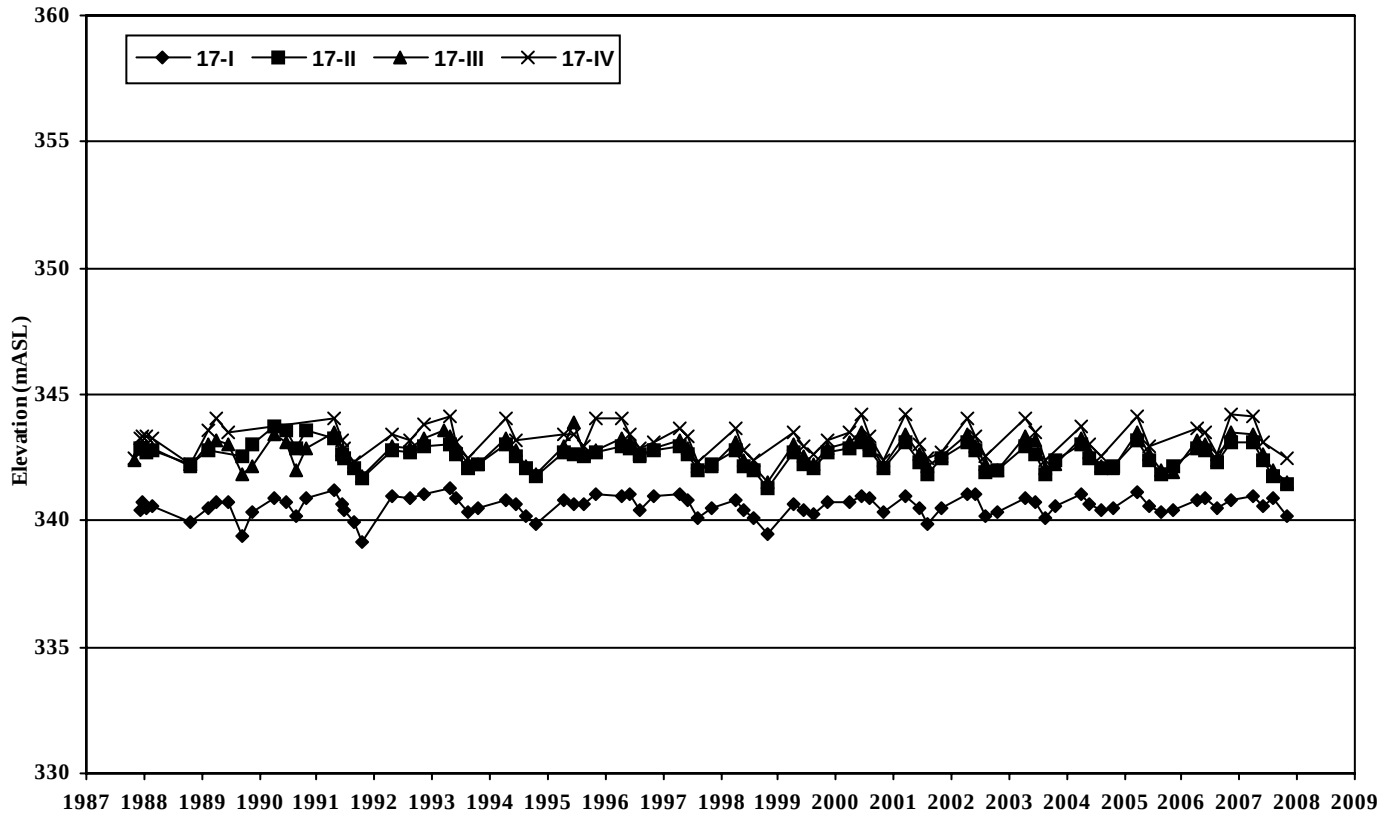
Eastview Road Landfill Site

Groundwater Elevation Trends
Vertical Profiles at Locations 4 and 13

FIGURE
A3

80-131
10b Profile 4-13





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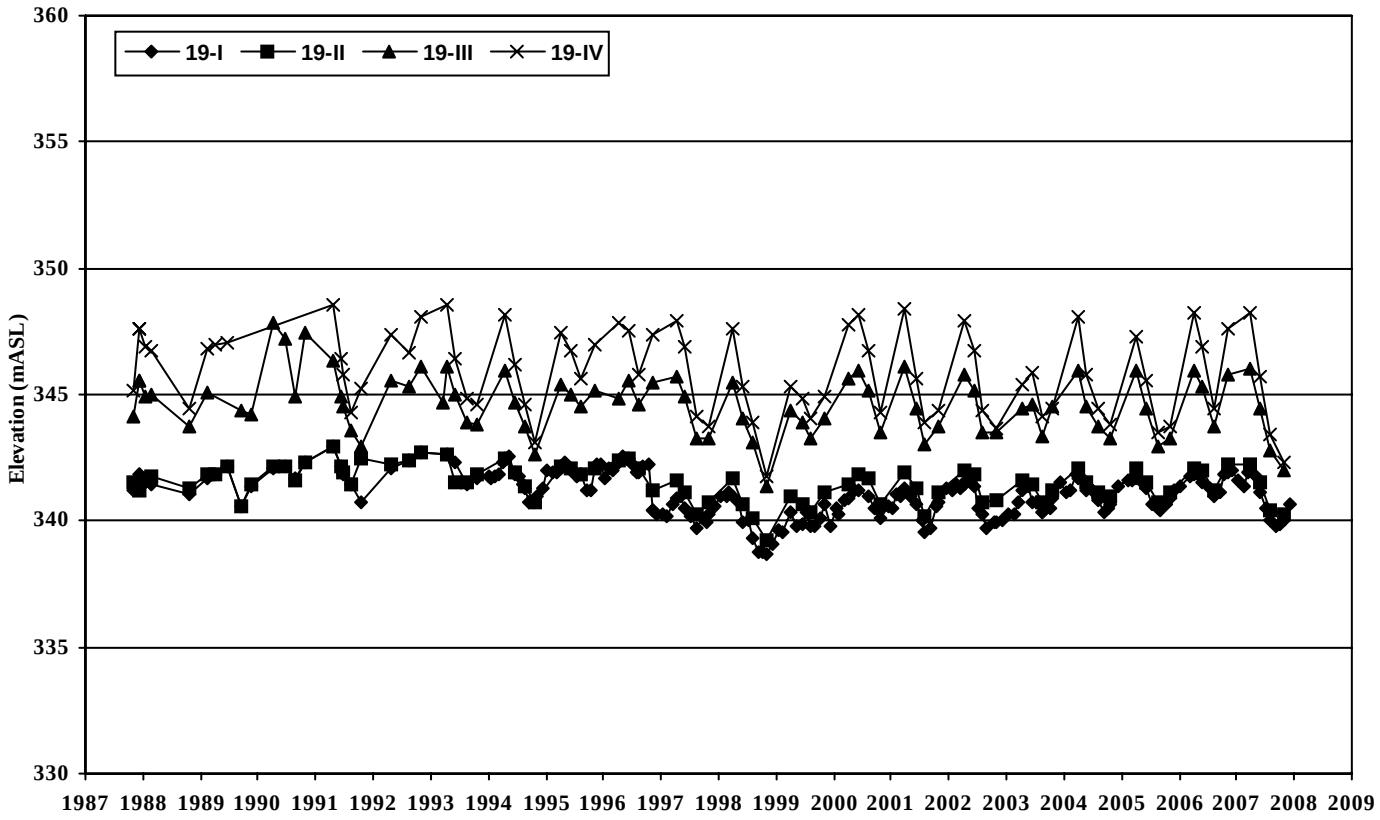
Eastview Road Landfill Site

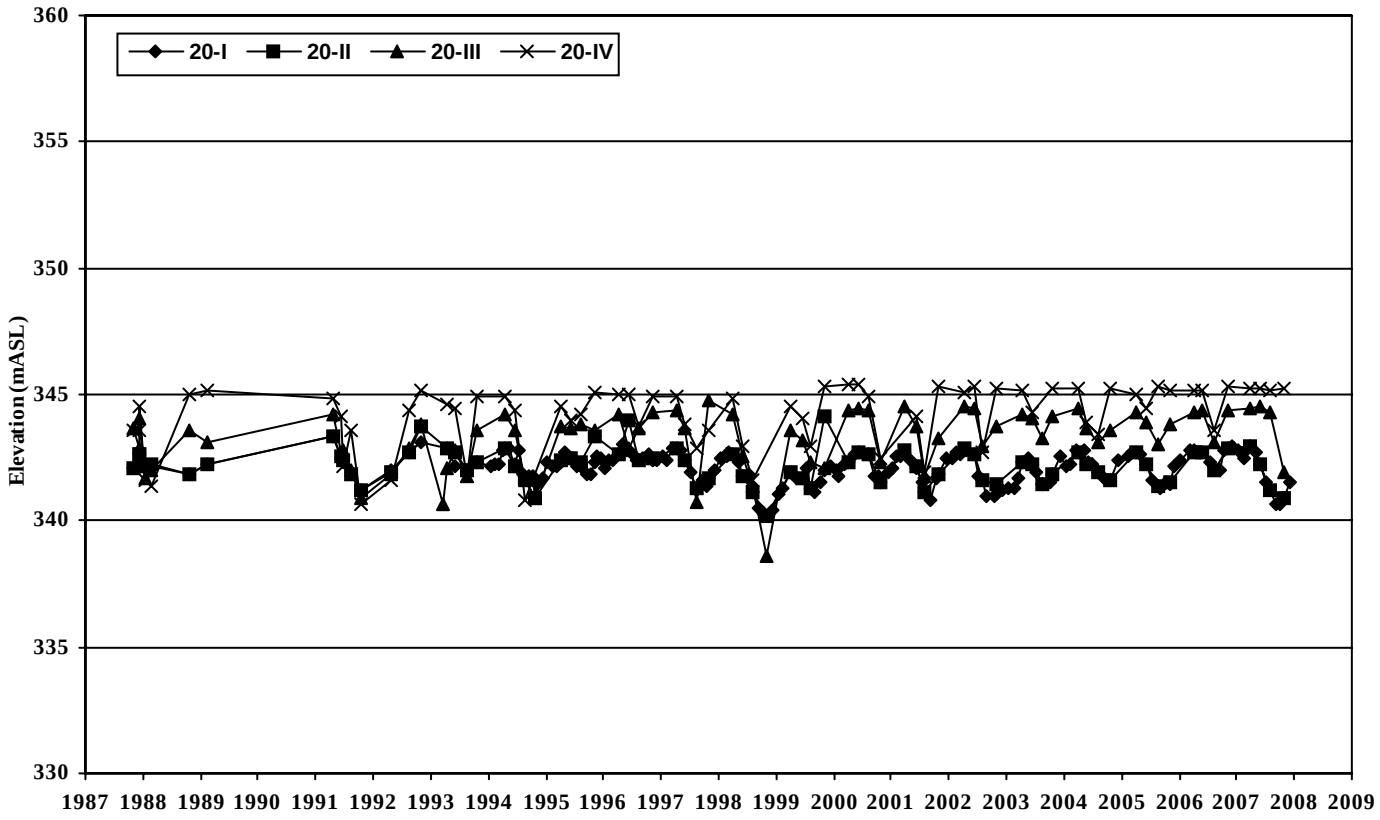
Groundwater Elevation Trends

Vertical Profiles at Locations 15 and 17

FIGURE
A4

80-131
10b Profile 15-17





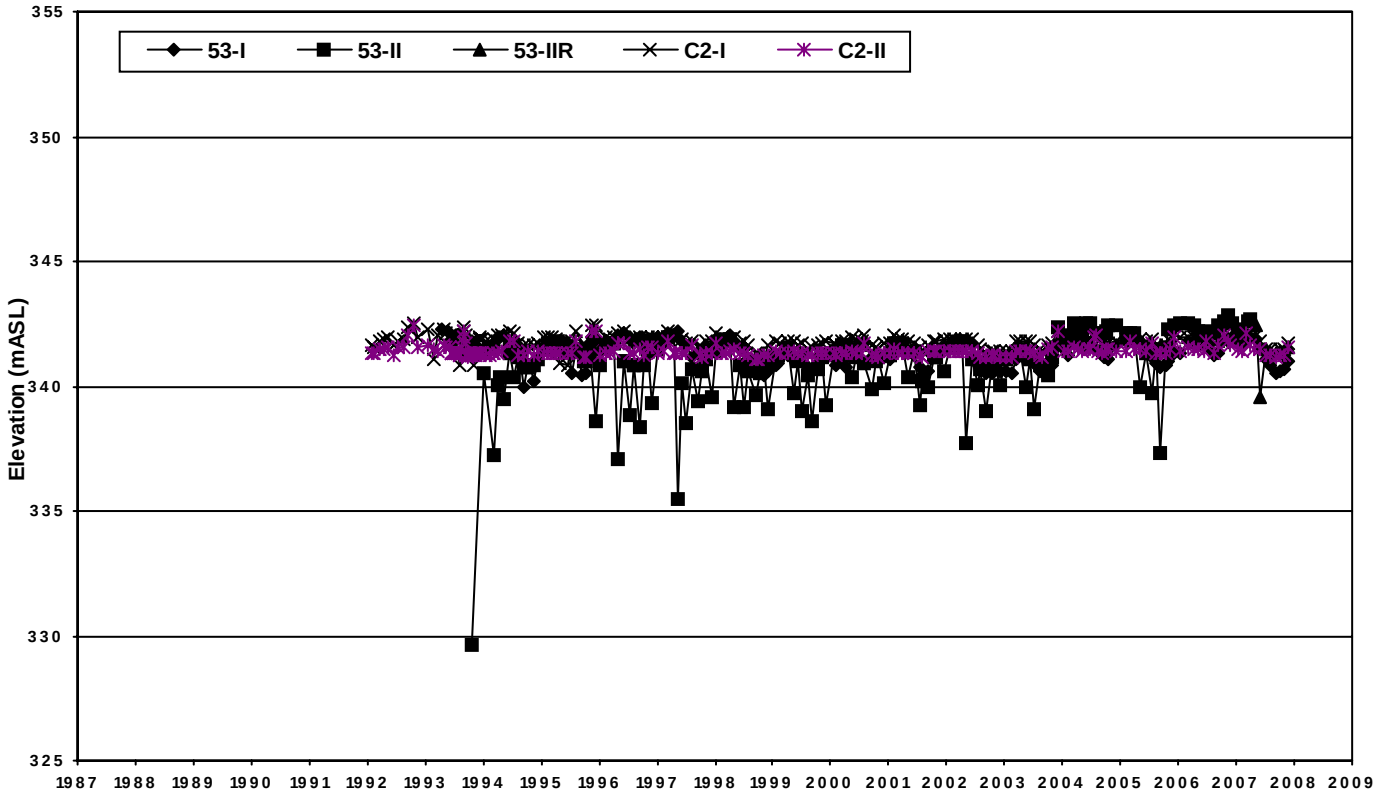
Gartner Lee

Eastview Road Landfill Site

Groundwater Elevation Trends
Vertical Profiles at Locations 19 and 20

FIGURE
A5

80-131
10b Profile 19-20



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Eastview Road Landfill Site

Groundwater Elevation Trends
Vertical Profiles at Locations C2/53

FIGURE
A6

80-131
10b Profile C2/53

MOE Water Well Records Report

GLL 80131

Well Number 6701123 **Construction Date** 26-Mar-1965 **Primary Water Use** Domestic **Well Type** Bedrock
Easting (NAD83) 561638 **Northing (NAD83)** 4824427 **UTM Zone** 17
Positional Reliability margin of error : 100 m - 300 m **Elevation(mASL)** 352.04
Lot 002 **Concession** 05 Guelph City (Guelph Twp) **Wellington**
Well Diameter(cm) 10.16 **Static Level (m)** 9.14 **Deepest Water Found** 36.88 **Well Depth** 36.88
Top of Screen (m): **WaterKind** Fresh **Depth to Bedrock (m)** 18.90
Pump Rate(lgpm 10.00 **Pump Time(h:m)** 2 : 30 **Depth (end of 60 min)** 13.72
Specific Capacity: 0.70 **Recommended Pump Setting (gpm) :** 60.00

Well Stratigraphy

Layer	Formation Top (m)	Formation Bottom (m)	Driller's Description	Colour	Standardized Description
1	0.00	0.61	Topsoil		fill (incl topsoil, waste)
2	0.61	8.53	Clay Stones	Brown	diamicton: si to sa/si matrix
3	8.53	17.07	Clay Gravel	Brown	diamicton: si to sa/si matrix
4	17.07	18.90	Medium Sand Gravel	Brown	gravel, gravelly sand
5	18.90	36.88	Limestone	Brown	limestone

GRAPHICS, SYMBOLS AND ABBREVIATIONS ON LOGS

SAMPLE TYPES and TESTS

SS	Split Spoon Sample	
SN	Non-Standard Split Spoon Sample	
ST	Shelby Tube Sample : (unconfined compression or unconsolidated undrained test)	- ◆
DS	Denision Type Sample	
PS	Piston Type Sample	
CS	Continuous Sample	
GS	Grab Sample	
WS	Wash Sample	
BQ	BQ Core Sample	
HQ	HQ Core Sample	
NQ	NQ Core Sample	
DT	Dynamic Penetration Test	
VT	Field Vane Test (undisturbed)	- ⊙
VT	Field Vane Test (remoulded)	- ⊕

PENETRATION RESISTANCES

Standard Penetration Resistance(N Value)

The number of blows by a 63.6 kg (140 lb) hammer dropped 760 mm (30 in.) required to drive a 50 mm (2 in.) Split Spoon Sampler for a distance of 300 mm (12 in.).

ABBREVIATIONS

DTPL: Drier Than Plastic Limit
APL: About Plastic Limit
WTPL: Wetter Than Plasic Limit
K: Hydraulic Conductivity (m/s)
C_u: Undrained Shear Strength (kPa)
% REC : Percentage of Sample Recovered
% RQD : Indirect Measure of the Number of Fractures and Soundness of Rock Mass
▼ Approximate Water Table

GRAIN SIZE CLASSIFICATION

	%
trace, "eg. trace sand"	1 - 10
some, "eg. some sand"	10 - 20
adjective, "eg. sandy"	20 - 35
and, "eg. and sand"	35 - 50
noun, "eg. sand"	>50

Note: Classification Divisions Based on Modified M.I.T. Grain Size Scale

SOIL DESCRIPTIONS

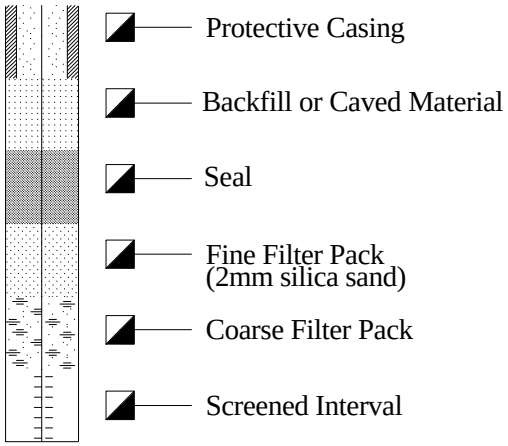
Cohesionless Soils

Relative Density	N Value
Very loose	0 to 4
Loose	4 to 10
Compact	10 to 30
Dense	30 to 50
Very Dense	over 50

Cohesive Soils

Consistency	C_u (kPa)	N Value
Very soft	0 to 12	0 to 2
Soft	12 to 25	2 to 4
Firm	25 to 50	4 to 8
Stiff	50 to 100	8 to 15
Very Stiff	100 to 200	15 to 30
Hard	over 200	over 30

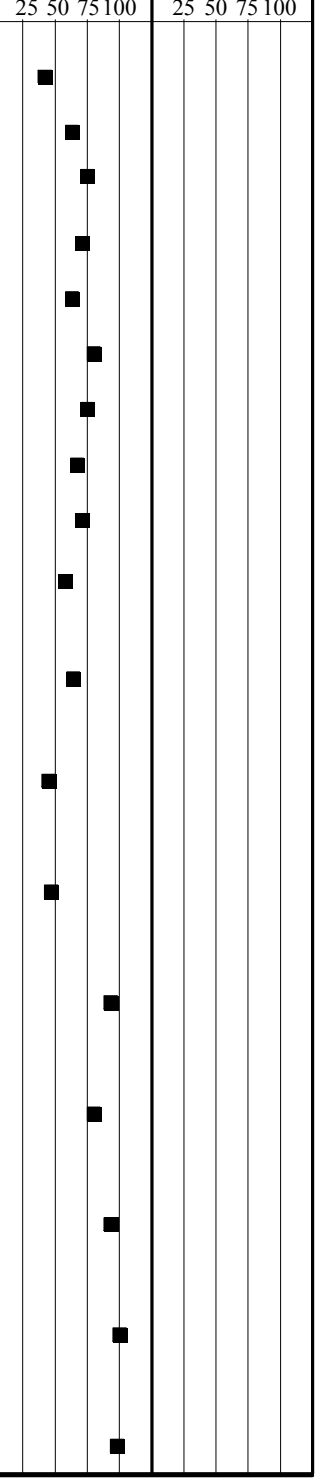
MONITOR DETAILS



Gartner Lee Limited

BOREHOLE LOG	**PROJECT:** 70-131	**BOREHOLE:** 93-I 1 of 2
Further Drilling at Eastview Road Landfill Guelph, Ontario **FOR:** City of Guelph		**DATE:** 11 September 2007 **LOGGED BY** SB **GROUND ELEV** 345.19 m ASL

DEPTH (m)	STRATIGRAPHY	STRATIGRAPHIC DESCRIPTION	MONITOR DETAILS & NUMBER	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE TYPE	SAMPLE N VALUE	SAMPLE % WATER	SAMPLE % REC	SAMPLE % RQD
0.8		**FILL** Light brown fine to medium sand, some gravel, most.		1		SS	Refusal		1	
1		**SANDY SILT** Dark brown sandy silt, some organics (roots/peat), moist, compact.		2		SS	21		42	
2.3		-Changing to a medium fine sand interlaminated with silt below about 1.5 m.		3		SS	20		63	
3		**SAND** Brown to grey fine to medium sand, wet, compact.		4		SS	22		75	
4		-Becoming saturated below about 3.8 m.		5		SS	32		71	
5				6		SS	25		63	
6				7		SS	17		80	
6.7				8		SS	21		75	
7		-Becoming a grey silt, trace sand, below about 6.7 m.		9		SS	15		67	
7.5		**SAND AND GRAVEL** Grey coarse sand and gravel, trace fine sand, trace silt, saturated, very dense.		10		SS			71	
8				11		SS	63		58	
9				1		HQ			64	
10										
10.6		**SILT TO SANDY SILT TILL** Grey silt to sandy silt till, some angular gravel, occassional cobbles, saturated.		2		HQ			45	
11										
12				3		HQ			47	
13										
14				4		HQ			93	
15				5		HQ			80	
16										
17				6		HQ			93	
18				7		HQ			100	
19				8		HQ			98	



Printed: 17 Apr 08
File Location:

Gartner Lee Limited

BOREHOLE LOG	PROJECT: 70-131	BOREHOLE: 93-I 2 of 2
Further Drilling at Eastview Road Landfill Guelph, Ontario **FOR:** City of Guelph		**DATE:** 11 September 2007 **LOGGED BY** SB **GROUND ELEV** 345.19 m ASL

DEPTH (m)	STRATIGRAPHY	STRATIGRAPHIC DESCRIPTION	MONITOR DETAILS & NUMBER	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE TYPE	SAMPLE N VALUE	SAMPLE % WATER	SAMPLE % REC	SAMPLE % RQD	RECOVERY (%) 25 50 75 100	RQD (%) 25 50 75 100
21				9		HQ			95			
22												
22.9												
23		**DOLOSTONE** Brownish grey, fine crystalline, medium bedded dolostone, occasional shale stringers and vugs. Occasional bedding fractures. Weathered to about 24.2 m.		10		HQ			100	0		
24				11		HQ			100	1		
25												
26				12		HQ			100	1		
27				13		HQ			100	1		
28												
28.7		Borehole terminated at 28.73 m in dolostone.										

BOREHOLE LOG	**PROJECT:** 70-131	**BOREHOLE:** 94-I 1 of 2
Further Drilling at Eastview Road Landfill Guelph, Ontario **FOR:** City of Guelph		**DATE:** 13 September 2007 **LOGGED BY** SB **GROUND ELEV** 344.24 m ASL

DEPTH (m)	STRATIGRAPHY	STRATIGRAPHIC DESCRIPTION	MONITOR DETAILS & NUMBER	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE TYPE	SAMPLE N VALUE	SAMPLE % WATER	SAMPLE % REC	SAMPLE % RQD
0.8		**FILL** Brown sandy silt fill, rootlets, most, compact.		1		SS	26		38	
1		**SANDY SILT** Dark brown sandy silt, some gravel, some organics (peat/plant material), moist, compact.		2		SS	9		54	
2.7		**SILT TO SANDY SILT TILL** Brown silt to sandy silt till, some angular gravel, occassional cobbles, moist.		3		SS	74/		0	
3				1		PQ	0.28m		17	
4				2		PQ			5	
5										
6				3		PQ			37	
7		-Becoming grey in colour below about 7.3 m.		4		PQ			98	
8										
9				5		PQ			80	
10										
11				6		PQ			83	
12		-Increase in silt content with trace clay below about 11.8 m.		7		PQ			100	
13										
14				8		PQ			100	
15				9		PQ			97	
16										
17				10		PQ			98	
18										
18.6				11		PQ			98	
19		-Changing to grey clayey silt till below about 18.6 m.								
19.3		**DOLOSTONE** Brownish grey, fine crystalline, medium bedded dolostone,		12		PQ			95	93

RECOVERY (%): 25 50 75 100

RQD (%): 25 50 75 100

Printed: 17 Apr 08
File Location:

Gartner Lee Limited

BOREHOLE LOG	**PROJECT:** 70-131	**BOREHOLE:** 94-I 2 of 2
Further Drilling at Eastview Road Landfill Guelph, Ontario **FOR:** City of Guelph		**DATE:** 13 September 2007 **LOGGED BY** SB **GROUND ELEV** 344.24 m ASL

DEPTH (m)	STRATIGRAPHY	STRATIGRAPHIC DESCRIPTION	MONITOR DETAILS & NUMBER	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE TYPE	SAMPLE N VALUE	SAMPLE % WATER	SAMPLE % REC	SAMPLE % RQD	RECOVERY (%) 25 50 75 100	RQD (%) 25 50 75 100
		occasional shale stringers and vugs. Weathered.										
21				13		PQ			95	100		
22				14		PQ			100	86		
23												
24				15		PQ			100	100		
25.2 25		Borehole terminated at 25.20 m in dolostone.										

BOREHOLE LOG	**PROJECT:** 70-131	**BOREHOLE:** 95-I 1 of 3
Further Drilling at Eastview Road Landfill Guelph, Ontario **FOR:** City of Guelph		**DATE:** 14 September 2007 **LOGGED BY** SB **GROUND ELEV** 358.15 m ASL

DEPTH (m)	STRATIGRAPHY	STRATIGRAPHIC DESCRIPTION	MONITOR DETAILS & NUMBER	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE TYPE	SAMPLE N VALUE	SAMPLE % WATER	SAMPLE % REC	SAMPLE % RQD	RECOVERY (%) 25 50 75 100	RQD (%) 25 50 75 100
0		**FILL** Brown silt and sand fill, some gravel, rootlets, most, compact.		1		SS	16		63			
1				2		SS	8		38			
2												
2.7		**SILT TO SANDY SILT TILL** Brown silt to sandy silt till, some angular gravel, occassional cobbles, moist.		3		SS	50/		0			
3				1		PQ	0.13m		12			
4				2		PQ			98			
5				3		PQ			78			
6				4		PQ			83			
7				5		PQ			90			
8				6		PQ			95			
9				7		PQ			82			
10				8		PQ			27			
11				9		PQ			12			
12				10		PQ			62			
13												
14												
15												
16												
17		-Becoming grey in colour below about 17.1 m.										
18				11		PQ			93			
19												
				12		PQ			80			

BOREHOLE LOG	PROJECT: 70-131	BOREHOLE: 95-I 2 of 3
Further Drilling at Eastview Road Landfill Guelph, Ontario **FOR:** City of Guelph		**DATE:** 14 September 2007 **LOGGED BY** SB **GROUND ELEV** 358.15 m ASL

DEPTH (m)	STRATIGRAPHY	STRATIGRAPHIC DESCRIPTION	MONITOR DETAILS & NUMBER	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE TYPE	SAMPLE N VALUE	SAMPLE % WATER	SAMPLE % REC	SAMPLE % RQD	RECOVERY (%) 25 50 75 100	RQD (%) 25 50 75 100
21				13		PQ			67			
22				14		PQ			98			
23				15		PQ			100			
24				16		PQ			100			
25				17		PQ			100			
26				18		PQ			100			
27				19		PQ			95			
27.8				20		PQ			98			
28		**CLAYEY SILT TILL** Grey clayey silt till, occasional gravel and cobbles, trace sand, moist.		21		PQ			90			
29				22		PQ			98	75		
30				23		PQ			100	95		
31				24		PQ			100	79		
32				25		PQ			100	89		
33												
34												
34.9												
35		**DOLOSTONE** Brownish grey, fine crystalline, medium bedded dolostone, occasional shale stringers and vugs. Moderately weathered.										
36												
37												
38												
39												

BOREHOLE LOG	**PROJECT:** 70-131	**BOREHOLE:** 95-I 3 of 3
Further Drilling at Eastview Road Landfill Guelph, Ontario **FOR:** City of Guelph		**DATE:** 14 September 2007 **LOGGED BY** SB **GROUND ELEV** 358.15 m ASL

DEPTH (m)	STRATIGRAPHY	STRATIGRAPHIC DESCRIPTION	MONITOR DETAILS & NUMBER	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE TYPE	SAMPLE N VALUE	SAMPLE % WATER	SAMPLE % REC	SAMPLE % RQD	RECOVERY (%) 25 50 75 100	RQD (%) 25 50 75 100
41.1 41		-Moderately to highly weathered below about 40.4 m		26		PQ			100	90	■	▲
		Borehole terminated at 41.10 m in dolostone.										

Appendix B

Leachate Collection and Containment System Operating Results

B1. Flow Meter Readings and Summary of Leachate Discharge from the Main Pump Station During 2007

B2. South and West Pump Stations, Hour Meter Readings and Monthly Leachate Flows During 2007

B3. Monthly Leachate Quantities and Average Daily Flow Rates for All Pump Stations During 2007

B4. Manhole Leachate Elevations, South Collection System – 2007

B5. Manhole Leachate Elevations, West Collection System – 2007

TABLE B1 - SUMMARY OF LEACHATE DISCHARGED FROM MAIN PUMP STATION DURING 2007

Reading Date	Flow Meter Reading (m^3)	Volume Pumped Off site This Period (m^3)	Main Pump No. 1 Hr Meter Reading (hours)	Main Pump No. 2 Hr Meter Reading (hours)	Main Pump Station Total Pump Time (hours)	Main Pumps Average Pumping Rate (m^3/hr)	Main Station Cumulative Volume This Year (m^3)	Remarks
02-Jan-07	345,040.6		14,700.1	14,701.8				
08-Jan-07	346,768.6		14,727.4	14,727.3				
15-Jan-07	348,687.9		14,755.8	14,754.9				
22-Jan-07	350,280.2		14,779.0	14,777.1				
29-Jan-07	351,599.4		14,798.0	14,795.7				
31-Jan-07	351,956.6	6,916.0	14,803.4	14,800.8				
Jan-07 TOTAL			**103.3**	**99.0**	**202.3**	**34.2**	**6,916.0**	
05-Feb-07	352,849.5		14,817.0	14,813.6				
12-Feb-07	354,030.7		14,834.8	14,830.7				
19-Feb-07	355,318.4		14,853.9	14,848.9				
26-Feb-07	356,394.9		14,870.1	14,864.4				
28-Feb-07	356,698.1	4,741.5	14,874.7	14,868.8				
Feb-07 TOTAL			**71.3**	**68.0**	**139.3**	**34.0**	**11,657.5**	
05-Mar-07	No Reading		No Reading	No Reading				
12-Mar-07	358,517.3		14,902.3	14,895.2				
19-Mar-07	360,660.0		14,940.7	14,930.8				
26-Mar-07	362,695.5		14,974.2	14,962.6				
31-Mar-07	364,429.9	7,731.8	15,002.6	14,990.0				
Mar-07 TOTAL			**127.9**	**121.2**	**249.1**	**31.0**	**19,389.3**	
02-Apr-07	365,123.7		15,014.0	15,000.9				
09-Apr-07	367,538.9		15,054.4	15,039.7				
16-Apr-07	369,316.8		15,084.9	15,068.5				
23-Apr-07	370,983.7		15,111.3	15,095.0				
30-Apr-07	372,921.0	8,491.1	15,144.7	15,127.5				
Apr-07 TOTAL			**142.1**	**137.5**	**279.6**	**30.4**	**27,880.4**	
07-May-07	374,550.2		15,170.7	15,152.5				
14-May-07	376,033.0		15,194.6	15,175.6				
21-May-07	378,002.0		15,229.6	15,207.8				
29-May-07	379,313.7		15,252.1	15,228.9				
31-May-07	379,682.1	6,761.1	15,258.6	15,234.9				
May-07 TOTAL			**113.9**	**107.4**	**221.3**	**30.6**	**34,641.5**	

TABLE B1 - SUMMARY OF LEACHATE DISCHARGED FROM MAIN PUMP STATION DURING 2007

Reading Date	Flow Meter Reading (m^3)	Volume Pumped Off site This Period (m^3)	Main Pump No. 1 Hr Meter Reading (hours)	Main Pump No. 2 Hr Meter Reading (hours)	Main Pump Station Total Pump Time (hours)	Main Pumps Average Pumping Rate (m^3/hr)	Main Station Cumulative Volume This Year (m^3)	Remarks
04-Jun-07	380,418.8		15,271.6	15,246.8				
11-Jun-07	381,586.7		15,291.3	15,265.5				
18-Jun-07	382,695.5		15,309.5	15,282.1				
25-Jun-07	383,673.8		15,326.2	15,297.7				
30-Jun-07	384,509.2	4,827.2	15,340.6	15,311.1				
Jun-07 TOTAL			**82.0**	**76.2**	**158.1**	**30.5**	**39,468.6**	
02-Jul-07	384,843.4		15,346.3	15,316.4				
09-Jul-07	385,403.5		15,355.0	15,325.5				
16-Jul-07	386,134.4		15,368.1	15,336.9				
23-Jul-07	386,788.6		15,378.8	15,346.9				
30-Jul-07	387,429.7		15,389.9	15,356.9				
31-Jul-07	387,508.0	2,998.8	15,391.2	15,358.2				
Jul-07 TOTAL			**50.6**	**47.1**	**97.7**	**30.7**	**42,467.4**	
07-Aug-07	388,056.1		15,400.1	15,366.9				
13-Aug-07	388,581.9		15,408.4	15,374.8				
20-Aug-07	389,100.7		15,416.5	15,382.3				
27-Aug-07	389,782.9		15,426.8	15,391.8				
31-Aug-07	389,997.2	2,489.2	15,429.4	15,394.2				
Aug-07 TOTAL			**38.2**	**36.0**	**74.2**	**33.5**	**44,956.6**	
03-Sep-07	390,354.3		15,433.7	15,398.1				
10-Sep-07	390,947.5		15,440.8	15,404.5				
17-Sep-07	391,778.1		15,448.2	15,411.9				
24-Sep-07	392,595.8		15,454.4	15,417.6				
30-Sep-07	393,328.8	3,331.7	15,459.7	15,422.8				
Sep-07 TOTAL			**30.3**	**28.7**	**59.0**	**56.5**	**48,288.2**	
01-Oct-07	393,451.0		15,460.6	15,423.7				
08-Oct-07	394,531.2		15,469.6	15,432.0				
15-Oct-07	395,365.4		15,476.7	15,438.9				
22-Oct-07	396,346.6		15,483.9	15,445.0				
29-Oct-07	397,277.4		15,491.5	15,452.5				
31-Oct-07	397,476.4	4,147.5	15,493.4	15,454.4				
Oct-07 TOTAL			**33.7**	**31.6**	**65.3**	**63.5**	**52,435.8**	

TABLE B1 - SUMMARY OF LEACHATE DISCHARGED FROM MAIN PUMP STATION DURING 2007

Reading Date	Flow Meter Reading (m^3)	Volume Pumped Off site This Period (m^3)	Main Pump No. 1 Hr Meter Reading (hours)	Main Pump No. 2 Hr Meter Reading (hours)	Main Pump Station Total Pump Time (hours)	Main Pumps Average Pumping Rate (m^3/hr)	Main Station Cumulative Volume This Year (m^3)	Remarks
05-Nov-07	397,973.8		15,498.3	15,459.1				
12-Nov-07	398,747.1		15,505.9	15,466.0				
19-Nov-07	399,522.9		15,512.6	15,472.3				
26-Nov-07	400,437.7		15,527.0	15,485.5				
30-Nov-07	401,000.0	3,523.7	15,536.4	15,494.2				
Nov-07 TOTAL			**42.9**	**39.9**	**82.8**	**42.6**	**55,959.4**	
03-Dec-07	401,421.8		15,543.4	15,500.8				
10-Dec-07	402,758.8		15,566.5	15,522.3				
17-Dec-07	403,832.3		15,584.6	15,539.0				
24-Dec-07	404,862.0		15,602.8	15,556.1				
28-Dec-07	405,764.8	4,764.8	15,619.0	15,572.0				
Dec-07 TOTAL			**82.6**	**77.8**	**160.4**	**29.7**	**60,724.2**	
YEAR 2007 TOTAL		**60,724.2**	**918.9**	**870.2**	**1789.1**	**33.9**	**60,724.2**	

TABLE B2 - SOUTH AND WEST PUMP STATION PUMP OPERATING HOURS AND ESTIMATED MONTHLY LEACHATE FLOWS FOR 2007

Date	**South Sta** Pump #1 (hours)	**South Sta** Pump #2 (hours)	**South Sta** Total (hours)	**South Sta (1)** (Monthly vol) (cu m)		**West Sta** Pump #1 (hours)	**West Sta.** Pump #2 (hours)	**West Sta** Total (hours)	**West Sta (1)** (Monthly vol) (cu m)	**TOTAL** Hours Pumped (hours)	**Average** pump rate (all 4 pumps) (m3/hr)	**Total flow (1)** this period (cu m)
Jan-07	95.0	116.2	211.2	3,214.5		147.0	96.2	243.2	3,701.5	454.4	15.2	6,916.0
Feb-07	101.4	84.1	185.5	2,144.2		130.3	94.4	224.7	2,597.3	410.2	11.6	4,741.5
Mar-07	136.6	108.9	245.5	3,752.8		177.9	82.4	260.3	3,979.0	505.8	15.3	7,731.8
Apr-07	168.0	178.7	346.7	4,655.1		166.7	119.0	285.7	3,836.0	632.4	13.4	8,491.1
May-07	131.7	139.7	271.4	3,657.5		132.4	97.9	230.3	3,103.6	501.7	13.5	6,761.1
Jun-07	92.4	79.8	172.2	2,496.2		90.8	70.0	160.8	2,331.0	333.0	14.5	4,827.2
Jul-07	116.6	81.7	198.3	1,735.2		144.4	0.0	144.4	1,263.6	342.7	8.8	2,998.8
Aug-07	100.1	58.7	158.8	1,597.1		26.4	62.3	88.7	892.1	247.5	10.1	2,489.2
Sep-07	49.6	49.1	98.7	2,388.0		0.0	39.0	39.0	943.6	137.7	24.2	3,331.7
Oct-07	62.8	68.9	131.7	2,613.5		41.8	35.5	77.3	1,534.0	209.0	19.8	4,147.5
Nov-07	65.3	60.3	125.6	2,054.7		53.5	36.3	89.8	1,469.0	215.4	16.4	3,523.7
Dec-07	249.1	199.8	448.9	2,989.0		168.1	98.6	266.7	1,775.8	715.6	6.7	4,764.8
Total 07	**1,368.6**	**1,225.9**	**2,594.5**	**33,297.7**		**1,279.3**	**831.6**	**2,110.9**	**27,426.5**	**4,705.4**	**12.9**	**60,724.2**

Note 1: Total volume pumped from each station calculated as a function of monthly hour meter readings and flow meter readings
For example, in January the total number of hours pumped from both the west and south stations were 454.4 hours.
The total volume passing through the flow meter was 6,916.0 m^3.
Therefore the total flow from the south station was estimated as 211.2/454.4 x 6,916.0 = 3,214.5 m^3.
The total volume pumped from the west station was estimated as 3,701.5 m^3.

TABLE B3 - MONTHLY LEACHATE QUANTITIES AND AVERAGE DAILY FLOW RATES FROM ALL PUMP STATIONS DURING 2007

Date	Main Sta Volume This period (m^3)	Main Sta Avg Daily Flow Rate for the month (m^3/day)	South Sta Total (m^3)	South Sta Avg Daily Flow Rate for the month (m^3/day)	West Sta Total (m^3)	West Sta Avg Daily Flow Rate for the month (m^3/day)	South+West Total (m^3)	Remarks
Jan-07	6,916.0	223.1	3,214.5	103.7	3,701.5	119.4	6,916.0	
Feb-07	4,741.5	169.3	2,144.2	76.6	2,597.3	92.8	4,741.5	
Mar-07	7,731.8	249.4	3,752.8	121.1	3,979.0	128.4	7,731.8	
Apr-07	8,491.1	283.0	4,655.1	155.2	3,836.0	127.9	8,491.1	
May-07	6,761.1	218.1	3,657.5	118.0	3,103.6	100.1	6,761.1	
Jun-07	4,827.2	160.9	2,496.2	83.2	2,331.0	77.7	4,827.2	
Jul-07	2,998.8	96.7	1,735.2	56.0	1,263.6	40.8	2,998.8	
Aug-07	2,489.2	80.3	1,597.1	51.5	892.1	28.8	2,489.2	
Sep-07	3,331.7	111.1	2,388.0	79.6	943.6	31.5	3,331.7	
Oct-07	4,147.5	133.8	2,613.5	84.3	1,534.0	49.5	4,147.5	
Nov-07	3,523.7	117.5	2,054.7	68.5	1,469.0	49.0	3,523.7	
Dec-07	4,764.8	153.7	2,989.0	96.4	1,775.8	57.3	4,764.8	
Total 2007	**60,724.2**	**N/A**	**33,297.7**	**N/A**	**27,426.5**	**N/A**	**60,724.2**	
Monthly Avg	**5,060.4**	**166.4**	**2,774.8**	**91.2**	**2,285.5**	**75.2**	**5,060.4**	

TABLE : B4 MANHOLE LEACHATE ELEVATIONS, SOUTH COLLECTION SYSTEM - 2007

DATE	MANHOLE LOCATIONS											
Elevation	AS (mASL)	BS (mASL)	1S (mASL)	2S (mASL)	3S (mASL)	4S (mASL)	5S (mASL)	5AS (mASL)	South Pump Station	6S (mASL)	7S (mASL)	8S (mASL)
05-Jan-07	342.39	342.39	342.32	342.18	341.35	341.21	341.23	340.34	340.34	340.35	340.37	340.37
23-Jan-07	342.30	342.35	342.30	342.12	341.34	341.19	341.22	340.37	340.38	340.39	340.39	340.39
07-Feb-07	342.28	342.33	342.29	342.11	341.35	341.19	341.20	340.19	340.18	340.18	340.19	340.19
20-Feb-07	342.27	342.34	342.29	342.11	341.34	341.19	341.21	340.46	340.47	340.47	340.48	340.47
13-Mar-07	342.28	342.34	342.29	342.11	341.34	341.19	341.21	340.59	340.64	340.66	340.66	340.67
22-Mar-07	342.28	342.34	342.29	342.11	341.34	341.22	341.24	340.41	340.47	340.47	340.48	340.45
03-Apr-07	342.37	342.38	342.29	342.14	341.33	341.20	341.22	339.96	340.02	340.01	340.02	340.02
26-Apr-07	342.31	342.35	342.29	342.11	341.32	341.19	341.21	339.96	339.97	339.96	339.97	339.97
08-May-07	342.28	342.34	342.30	342.12	341.34	341.21	341.22	339.97	339.97	339.97	339.98	339.99
23-May-07	342.29	342.34	342.30	342.12	341.35	341.19	341.22	339.93	339.93	339.92	339.93	339.93
05-Jun-07	342.28	342.35	342.30	342.12	341.35	341.18	341.21	339.83	339.84	339.84	339.84	339.84
18-Jun-07	342.28	342.34	342.30	342.12	341.32	341.19	341.20	339.99	340.00	340.00	340.01	340.01
13-Jul-07	342.28	342.34	342.28	342.11	341.30	341.16	341.19	340.06	340.06	340.06	340.06	340.07
30-Jul-07	342.28	342.34	342.25	342.13	341.31	341.16	341.17	339.74	339.74	339.76	339.77	339.77
10-Aug-07	342.28	342.34	342.26	342.12	341.32	341.13	341.17	340.08	340.09	340.09	340.09	340.10
23-Aug-07	342.27	342.34	342.22	342.12	341.28	341.08	340.99	340.00	340.00	340.00	340.02	340.00
11-Sep-07	342.27	342.31	342.19	342.11	341.27	341.07	340.78	340.04	340.05	340.04	340.05	340.05
24-Sep-07	342.21	342.32	342.17	342.12	341.26	341.04	340.69	340.09	340.09	340.09	340.10	340.10
15-Oct-07	342.08	342.32	342.18	342.12	341.27	341.14	341.18	340.02	340.01	340.01	340.02	340.02
29-Oct-07	342.07	342.31	342.17	342.11	341.29	341.10	341.11	339.93	339.94	339.94	339.94	339.94
15-Nov-07	342.06	342.35	342.16	342.13	341.30	341.07	341.11	339.79	339.78	339.76	339.81	339.81
26-Nov-07	342.12	342.33	342.21	342.12	341.32	341.16	341.20	340.02	340.03	340.02	340.03	340.03
07-Dec-07	342.20	342.34	342.26	342.12	341.32	341.19	341.20	339.76	339.76	339.77	339.77	339.76
21-Dec-07	342.23	342.33	342.26	342.11	341.32	341.17	341.21	339.73	339.73	339.73	339.75	339.74
Elevations of:												
Pipe Invert	**342.30**	**342.30**	**342.30**	**342.30**	**341.40**	**341.20**	**341.00**	**341.00 E 339.50 W**	**339.50**	**339.50**	**339.60**	**339.70**
Top of Sheet Pile Wall	----------	**344.00**	**343.90**	**344.00**	**343.40**	**343.20**	**343.50**	**343.50**	**343.30**	**343.20**	**344.00**	**344.70**

TABLE : B5 MANHOLE LEACHATE ELEVATIONS, WEST COLLECTION SYSTEM - 2007

DATE	MANHOLE LOCATIONS									
Elevation	**1W (mASL)**	**2W (mASL)**	**3W (mASL)**	**4W (mASL)**	**5W (mASL)**	**West Pump Station**	**6W (mASL)**	**7W (mASL)**	**8W (mASL)**	**9W (mASL)**
05-Jan-07	341.33	341.33	341.33	341.08	340.87	340.23	340.77	340.89	341.01	341.87
23-Jan-07	341.40	341.40	341.39	341.14	341.06	341.01	341.06	341.08	341.06	341.87
07-Feb-07	341.45	341.44	341.43	341.13	341.03	340.93	341.04	341.07	341.05	341.87
20-Feb-07	341.34	341.33	341.34	341.09	341.04	341.00	341.05	341.06	341.04	341.87
13-Mar-07	341.32	341.32	341.32	341.05	340.83	340.10	340.77	340.89	341.02	341.87
22-Mar-07	341.41	341.40	341.39	341.10	340.89	339.33	340.77	340.89	341.02	341.87
03-Apr-07	341.36	341.37	341.38	341.10	340.86	339.65	340.76	340.90	341.01	341.87
26-Apr-07	341.48	341.47	341.35	341.11	340.87	340.34	340.75	340.89	341.01	341.87
08-May-07	341.37	341.37	341.37	341.10	340.86	340.15	340.78	340.88	341.02	341.87
23-May-07	341.38	341.38	341.38	341.10	340.93	340.80	340.91	340.94	341.01	341.87
05-Jun-07	341.42	341.43	341.43	341.10	341.05	341.00	341.05	341.07	341.05	341.87
18-Jun-07	341.50	341.50	341.48	341.10	340.87	339.84	340.76	340.88	341.01	341.87
13-Jul-07	341.37	341.36	341.36	341.06	340.81	340.76	340.81	340.87	340.99	341.87
30-Jul-07	341.37	341.35	341.34	341.05	340.81	340.64	340.79	340.87	341.00	341.87
10-Aug-07	341.35	341.36	341.34	341.05	341.00	340.96	341.01	341.03	340.99	341.87
23-Aug-07	341.40	341.38	341.35	341.06	340.98	340.94	341.00	341.02	341.00	341.87
11-Sep-07	341.40	341.39	341.36	341.06	340.81	340.76	340.81	340.87	340.99	341.87
24-Sep-07	341.39	341.36	341.35	341.08	341.03	340.99	341.03	341.06	341.03	341.87
15-Oct-07	341.44	341.43	341.40	341.05	340.80	340.70	340.74	340.87	341.00	341.87
29-Oct-07	341.34	341.29	341.29	341.05	341.01	340.96	340.99	341.02	341.01	341.87
15-Nov-07	341.39	341.28	341.32	341.07	341.01	341.06	340.99	341.02	341.01	341.87
26-Nov-07	341.38	341.39	341.38	341.10	340.97	340.89	340.96	341.00	341.00	341.87
07-Dec-07	341.41	341.40	341.41	341.09	340.92	340.85	340.89	340.92	340.99	341.87
21-Dec-07	341.43	341.43	341.43	341.10	341.00	340.91	341.00	341.02	341.00	341.87
Elevations of:										
Pipe Invert	**341.20**	**341.10**	**340.95**	**340.85**	**340.75**	**340.70**	**340.75**	**340.85**	**340.95**	**342.00**
Top of Sheet Pile Wall	----------	----------	----------	----------	**343.50**	**343.60**	**343.50**	**344.50**	**345.20**	**345.90**

Appendix C

Groundwater, Surface Water and Leachate Quality and Chemistry Trends

C1. Groundwater Routine Landfill Leachate Analysis

C2. Groundwater Routine Monitoring Analyses

C3. Surface Water Routine Monitoring Analyses

C4. Surface Water Field Observations

C5. Leachate MISA Monitoring Analyses

C6. Organics Analysis - Landfill Leachate

C7. Comparison of Downgradient Monitors in Buffer Land Boundary to Guideline B7 Criteria for 2007

C8. Comparison of Downgradient Bedrock Boundary Monitors in Buffer Land to Guideline B7 Criteria for 2007

Groundwater Chemistry Trends (Figures C1 – C14)

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
	Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
Monitor	11-Apr-05	INV																		
1-IR	21-Jun-05	INV																		
Outwash	31-Aug-05	INV																		
	15-Nov-05	INV																		
	28-Apr-06	INV																		
	07-Jun-06	INV																		
	30-Aug-06	INV																		
	24-Nov-06	INV																		
	10-Apr-07	INV																		
	18-Jun-07	INV																		
	13-Aug-07	INV																		
	13-Nov-07	INV																		
Monitor	23-Jun-03	Philip	7.46	6699	3020	1837	797	6.91	19	147	661	356	156	16.5	0.171	118		0.5	< 2	< 0.2
51-IR	02-Sep-03	Philip	7.75	6846	3280	2031	969	10.3	96	170	807	390	187	28.7	0.218	154		0.5	< 2	< 0.2
Waste	03-Nov-03	Philip	7.41	6449	3120	1822	972	6.64	55	150	744	351	149	4.47	0.144	130		0.5	< 0.2	< 0.2
7.3 - 22.6 m	19-Apr-04	Philip	7.38	6641	3190	2210	837	8.11	14	176	761	429	183	7.09	0.118	116		5	< 2	< 2
	07-Jun-04	Philip	7.53	6768		2047	883	6.22	10	167	678	395	151	18.2	0.112	125		0.7	< 2	0.7
	23-Aug-04	Philip	7.62	6692	3180	2010	929	6.61	31	178	710	380	172	1.1	0.116	135		2.2	< 2	< 0.2
	02-Nov-04	Philip	7.75	7404	3510	2160	906	9.14	16	164	424	424	195	2.6	0.093	179		1.4	< 2	< 0.2
	11-Apr-05	Philip	7.48	7609	3560	2007	843	7.93	< 5	157	722	391	195	2.63	0.095	172		9.1	< 2	< 0.2
	21-Jun-05	MAX	8.22	8170	3740	2290	101	9.8	21	173	907	434	266	9.11	0.1	13.9		6.3	< 0.1	< 0.1
	31-Aug-05	MAX	8.63	8640	3920	2170	1160	12	276	170	1100	460		8.5	0.1	< 0.05		53	0.01	< 0.1
	15-Nov-05	MAX	8.05	6880	4050	2200	890	7.4	19	180	890	450	270	6.5	0.11	212		5	< 0.01	< 0.1
	28-Apr-06	Maxx	7.9	8660	3900	2900	1280	10	37	190	1300	590	320	19	0.14	169		280	< 0.01	< 0.1
	07-Jun-06	Maxx	7.7	8980	3890	2600	1060	8	33	180	1000	520	260	11	0.13	160		269	< 0.01	< 0.1
	30-Aug-06	INV																		
	24-Nov-06	MAX	8	9350	3970	2200	1140	9.7	16	150	990	450	340	5.7	0.15	269		23	0.06	< 0.1
	16-Apr-07	Maxx	8	8160	3780	2700	740	8.6	80	190	970	540	270	19	0.15	199		18	< 0.1	< 1
	21-Jun-07	Maxx	7.9	8070	3750	2800	942	9.3	87	210	950	550	280	11	0.16	165		103	< 0.01	< 0.1
	16-Aug-07	Maxx	7.8	8330	3850	2600	1000	9.6	40	170	960	520	310	12	0.14	242		12	< 0.1	< 1
	14-Nov-07	Maxx	7.8	8750	3780	2500	900	7.8	11	180	850	500	250	1.8	0.17	202		14	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

Monitor

51-II
Outwash
23.6 - 26.7 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. as CaCO3 mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
26-Apr-02	Philip	7.23	4113	1600	1380	690	2.98	2	166	437	234	34	11.5	0.045	22.9		1	< 0.2	< 0.2
19-Jun-02	Philip	7.32	4106	1420	1420	673	3.02	< 5	172	420	241	35	11.9	0.051	23.8		0.5	< 0.2	< 0.2
12-Aug-02	Philip	7.42	4085	1580	1410	615	3.17	3	171	426	238	37	12.3	0.052	23.3		2.2	< 4	< 0.2
04-Nov-02	Philip	7.17	4055	1580	1620	639	3.24	2	199	428	272	36	13	0.054	21.6		5.8	< 2	< 0.2
22-Apr-03	Philip	7.09	4135	1490	1438	747	3	< 5	193	413	231	33	12.3	0.046	22.1		4.6	< 0.2	< 0.2
23-Jun-03	Philip	7.14	4123	1570	1331	605	3.2	2	165	357	222	33	12.9	0.052	21.1		5.2	< 2	< 0.2
02-Sep-03	Philip	7.23	3505	1490	1403	642	3.17	< 2	174	383	234	34	13.2	0.05	23.2		0.5	< 2	< 0.2
03-Nov-03	Philip	7.12	3317	1440	1352	727	3.1	13	168	402	225	32	12.1	0.05	20.5		5.2	< 0.2	< 0.2
19-Apr-04	Philip	7.17	3637	1390	1423	637	3.36	4	176	392	238	35	12.9	0.047	21.5		1.7	< 2	< 0.2
07-Jun-04	Philip	7.18	4176		1358	717	3.56	2	172	393	225	32.2	13.5	0.045	23.2		2.3	< 2	< 0.2
23-Aug-04	Philip	7.28	3791	1500	1359	728	3.4	8	174	394	224	32.1	11.8	0.046	24.2		4	< 2	< 0.2
02-Nov-04	Philip	7.45	4010	1610	1317	700	3.47	2	163	375	220	31.1	12.1	0.041	23.2		2.9	< 2	< 0.2
11-Apr-05	Philip	7.12	4445	1560	1407	791	3.92	3	167	405	240	35.7	11.7	0.044	29.1		5.2	< 2	< 0.2
21-Jun-05	MAX	7.64	4360	1650	1460	706	3.76	1	174	451	263	39.1	12.2	0.039	31		0.5	< 5	< 0.1
31-Aug-05	MAX	8.58	4290	1480	1550	621	3.8	< 1	180	480	280		12	0.042	28		1	< 0.01	< 0.1
15-Nov-05	MAX	7.82	3920	3080	1300	705	4	< 1	180	500	290	42	14	0.042	30.4		12	< 0.01	1.4
28-Apr-06	Maxx	7.8	4920	1650	1700	832	4.8	4	190	550	300	45	13	0.041	29.5		1	< 0.01	< 0.1
07-Jun-06	Maxx	7.9	5070	1870	1700	773	4.6	< 2	180	530	310	44	12	0.036	30.1		2	< 0.01	< 0.1
30-Aug-06	MAX	7.7	5240	2010	1700	809	4.7	< 2	170	560	320	46	8.9	0.031	36.6		1	< 0.01	< 0.1
24-Nov-06	MAX	7.9	5580	1950	1900	882	5.2	< 2	180	590	340	48	11	0.026	47.4		1	< 0.01	< 0.1
16-Apr-07	Maxx	8	5990	2350	2100	725	6.2	76	170	700	410	66	8.2	0.017	50.8		2	< 0.01	< 0.1
21-Jun-07	Maxx	7.8	6010	2510	2300	896	6.1	59	180	770	450	80	8.2	0.013	77		3	< 0.01	< 0.1
16-Aug-07	Maxx	8.1	5920	2570	2300	899	6.9	20	150	740	450	86	8.6	0.014	82		10	< 0.01	< 0.1
14-Nov-07	Maxx	7.9	6360	2540	2200	881	6.5	3	150	730	450	95	7.5	0.014	71.1		1	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
	Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
Monitor	22-Apr-03	Plugg																		
	23-Jun-03	Philip	7.43	12750	4370	1900	1370	23	< 1	284	850	288	450	6.16	0.666	464		9.1	< 2	< 0.2
55-IR	02-Sep-03	Philip	7.67	11260	4160	1752	1430	22.9	190	171	986	321	525	22.5	0.187	518		5	< 2	< 2
Outwash	03-Nov-03	Philip	7.48	10070	4040	1479	1780	20.6	278	145	1050	270	470	6.38	0.169	533		5	< 2	< 2
11.2 - 15.8 m	19-Apr-04	Philip	7.39	12200	4060	1921	1410	23.7	258	219	1090	333	585	6.13	0.361	459		6	< 2	< 2
	07-Jun-04	Philip	7.61	13350		1767	1770	23.9	242	169	1090	326	577	29.2	0.21	535		6.4	< 2	1.5
	23-Aug-04	INV																		
	02-Nov-04	INV																		
	11-Apr-05	INV																		
	21-Jun-05	INV																		
	31-Aug-05	INV																		
	15-Nov-05	INV																		
	28-Apr-06	INV																		
	07-Jun-06	INV																		
	30-Aug-06	MAX	7.7	11500	4430	1800	1520	24	200	180	1100	330	600	28	0.19	542		3	< 0.1	< 1
	24-Nov-06	INV																		
	24-Nov-06	INV																	<	<
	24-Nov-06	MAX	7.9	11300	4050	1800	1520	23	210	180	1100	330	580	30	0.22	539		2	0.1	1
	24-Nov-06	MAX	7.9	11300	4050	1800	1520	23	210	180	1100	330	580	30	0.22	539		2	< 0.1	< 1
	16-Apr-07	Maxx	8	11300	4310	2000	1680	27	280	180	1300	370	620	30	0.21	588		1	< 0.2	< 2
	21-Jun-07	MAX																		
	16-Aug-07	INV																		
	14-Nov-07	INV																		
Monitor	23-Jun-03	INV																		
	02-Sep-03	Philip	7.54	5988	1760	1332	1090	19.6	36	196	680	204	150	30.8	0.17	132		1.4	< 2	< 0.2
56-IR	03-Nov-03	N/A																		
Outwash	19-Apr-04	Plugg																		
12.0 - 18.1 m	07-Jun-04	INV																		
	23-Aug-04	INV																		
	02-Nov-04	Philip	7.25	4903	1130	1262	1200	11.2	6	226	526	169	37.2	0.36	0.224	18.5		30.6	< 2	< 0.2
	11-Apr-05	INV																		
	21-Jun-05	MAX	7.97	4230	939	1170	936	5.7	2	252	428	126	21	35.4	0.44	15.4		2.9	< 0.1	< 0.1
	31-Aug-05	INV																		
	15-Nov-05	MAX	7.75	4030	1050	1200	1060	8.3	2	250	580	190	28	33	0.31	26.9		6	0.02	< 0.1
	28-Apr-06	INV																		
	07-Jun-06	Maxx	8	1660	649	630	187	1.9	< 1	150	100	62	12	5.3	0.29	6.97		12	< 0.01	< 0.1
	30-Aug-06	MAX	7.8	1710	533	630	201	0.76	< 1	170	75	47	7.2	< 0.05	0.062	2.99		60	0.14	17
	24-Nov-06	MAX	8.1	1330	512	570	145	0.66	< 1	160	71	44	5.1	< 0.05	0.14	2.29		16	0.06	2.1
	16-Apr-07	Maxx	8.2	1330	422	480	186	0.75	< 1	130	74	38	4.3	< 0.05	0.046	0.3		17	0.04	4.1
	21-Jun-07	INV																		
	16-Aug-07	INV																		
	14-Nov-07	INV																		

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

Monitor

57-I
Outwash
18.5 - 26.1 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. as CaCO3 mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
26-Apr-02	Philip	7.49	1278	394	527	205	0.06	< 1	119	65.8	55.4	< 1	3.23	0.043	1.28		29.2	< 0.2	< 0.2
19-Jun-02	Philip	7.74	1195	333	512	217	0.05	< 5	116	64.3	53.6	1	2.95	0.04	1.18		26.1	< 0.2	< 0.2
12-Aug-02	Philip	7.6	1306	443	602	200	0.09	< 1	139	68.4	61.5	2	3.84	0.05	1.3		18.7	< 0.2	< 0.2
04-Nov-02	Philip	7.32	1452	658	744	168	0.15	< 1	176	66.9	73.9	3	5.72	0.073	1.47		6.2	< 1	< 0.2
22-Apr-03	Philip	7.31	1489	586	687.4	196	0.09	< 1	164	65.9	67	1	4.58	0.054	1.36		13.2	< 0.2	< 0.2
23-Jun-03	Philip	7.45	1528	589	668.9	164	0.13	< 5	153	67.4	69.1	2	5.03	0.062	1.51		11.4	< 0.2	< 0.2
02-Sep-03	Philip	7.57	1446	596	722.2	178	0.16	< 1	165	67.5	74.8	1	5.41	0.061	1.71		9.3	< 0.2	< 0.2
03-Nov-03	Philip	7.44	1459	686	776.7	190	0.15	10	178	69.5	80.2	< 1	5.98	0.069	1.79		6	< 0.2	< 0.2
19-Apr-04	Philip	7.49	1295	411	592.3	220	0.08	< 1	135	78.8	61.4	1	3.43	0.049	1.29		24.8	< 0.2	< 0.2
07-Jun-04	Philip	7.57	1465		612.8	220	0.09	< 1	142	71.9	62.1	1.4	4.18	0.054	1.39		19.6	< 0.2	< 0.2
23-Aug-04	Philip	7.7	1341	400	558.3	260	0.06	1	128	71.5	57.7	1.4	3.67	0.05	1.33		26.2	< 0.2	< 0.2
02-Nov-04	Philip	7.68	1490	588	636.8	214	0.09	< 1	148	67.2	64.7	1.4	4.74	0.057	1.51		16.2	< 0.2	< 0.2
11-Apr-05	Philip	7.66	1569	556	649.6	214	0.10	< 1	152	72.6	65.4	1.4	4.47	0.056	0.19		16.9	< 0.2	< 0.2
21-Jun-05	MAX	7.91	1560	592	656	187	0.12	1	157	77.2	75.6	1.5	5.35	0.06	1.52		12.3	< 0.1	< 0.1
31-Aug-05	MAX	8.04	1470	591	693	183	0.11	< 1	150	69	66		4.2	0.057	1.39		1	0.02	< 0.1
15-Nov-05	MAX	8.09	1350	597	610	185	0.12	< 1	170	76	76	1.7	5.5	0.061	1.35		11	< 0.01	< 0.1
28-Apr-06	Maxx	8.2	1440	500	660	193	0.11	< 1	150	80	69	1.6	4.3	0.051	1.36		17	< 0.01	< 0.1
07-Jun-06	Maxx	8.1	1510	552	630	196	0.1	< 1	150	75	66	1.5	4.4	0.052	1.35		17	< 0.01	< 0.1
30-Aug-06	MAX	7.9	1460	532	640	192	0.14	< 1	140	81	69	1.5	3.7	0.059	1.35		14	< 0.01	7.6
24-Nov-06	MAX	8	1500	585	630	185	0.15	< 1	140	73	66	1.5	4.2	0.051	1.61		10	< 0.01	< 0.1
16-Apr-07	Maxx	8.2	1560	559	650	213	0.3	2	140	88	72	1.6	3.7	0.046	1.38		7	< 0.01	< 0.1
21-Jun-07	Maxx	8	1570	637	800	191	0.31	5	180	94	87	1.8	5.3	0.058	1.47		5	< 0.01	< 0.1
16-Aug-07	Maxx	8.1	1690	699	830	249	0.46	< 1	170	100	97	1.9	5	0.062	1.73		2	< 0.01	< 0.1
14-Nov-07	Maxx	8	1810	735	790	185	0.3	< 1	180	83	85	1.7	6.2	0.069	1.77		2	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

Monitor

58-I
Outwash
18.9 - 20.4 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
26-Apr-02	Philip	7.11	1165	564	615	100	0.07	< 1	124	27.4	73.8	< 1	0.04	0.067	0.87		0.5	< 0.2	< 0.2
19-Jun-02	Philip	7.45	1042	524	573	86.2	0.08	< 5	114	22.9	69.8	< 1	3.05	0.112	1.38		0.5	< 2	< 0.2
12-Aug-02	Philip	7.39	1046	546	573	73.8	0.09	< 1	116	24.5	68.7	2	3.59	0.101	1.37		0.5	< 0.2	< 0.2
04-Nov-02	Philip	7.02	1009	577	533	68.7	0.06	< 1	110	23	62.2	3	9.43	0.116	1.38		0.5	< 0.2	< 0.2
22-Apr-03	Philip	7.07	1140	562	564.8	96.2	0.12	< 1	111	27.3	69.6	1	7.38	0.097	1.39		0.6	< 0.2	< 0.2
23-Jun-03	Philip	7.31	1091	551	536.9	74.5	0.1	10	106	23.5	65.8	2	0.63	0.116	1.36		0.5	< 0.2	< 0.2
02-Sep-03	Philip	7.55	1034	528	577.3	82	0.15	< 1	114	28.3	70.4	2	1.42	0.1	1.43		0.5	< 0.2	< 0.2
03-Nov-03	Philip	7.4	1113	540	616.5	112	0.27	< 1	115	41.2	79.6	1	0.18	0.142	1.23		0.8	< 0.2	< 0.2
19-Apr-04	Philip	7.39	1021	514	632.8	81.9	0.13	< 1	135	28	71.6	2	0.04	0.124	1.2		0.7	< 0.2	< 0.2
07-Jun-04	Philip	7.47	1135		562.7	95.2	0.18	< 1	111	30.6	69	1.4	< 0.03	0.096	1.34		0.6	< 0.2	< 0.2
23-Aug-04	Philip	7.58	1106	504	560.6	104	0.17	< 1	110	28.9	69.4	1.5	2.1	0.095	1.45		0.7	< 0.2	< 0.2
02-Nov-04	Philip	7.83	1051	605	523.5	82.9	0.08	< 1	106	22.2	62.5	1.3	< 0.03	0.019	1.29		0.6	< 0.2	< 0.2
11-Apr-05	Philip	7.49	1116	495	537.8	82.7	0.1	< 1	110	23.1	63.7	1.3	< 0.03	0.133	1.52		0.8	< 0.2	< 0.2
21-Jun-05	MAX	8.06	1070	519	526	75.5	0.08	1	114	23.6	67.7	1.5	< 0.05	0.152	1.42		0.7	< 0.1	< 0.1
31-Aug-05	MAX	7.79	1350	642	685	137	0.43	< 1	130	63	95		0.3	0.11	1.13		1	< 0.01	< 0.1
15-Nov-05	MAX	8.05	1050	558	610	104	0.22	< 1	120	40	78	1.6	1.4	0.082	1.38		1	< 0.01	0.3
28-Apr-06	Maxx	8.2	1180	574	650	89	0.11	< 1	130	32	81	1.7	4.5	0.088	1.55		1	< 0.01	< 0.1
07-Jun-06	Maxx	8.1	1200	569	580	100	0.16	< 1	110	31	72	1.4	0.13	0.097	1.28		1	< 0.01	< 0.1
30-Aug-06	MAX	7.8	1240	587	640	110	0.2	< 1	120	39	82	1.6	2.4	0.092	1.43		1	< 0.01	< 0.1
24-Nov-06	MAX	8	1170	557	580	88	0.12	< 1	110	26	71	1.4	< 0.05	0.11	1.41		1	< 0.01	< 0.1
16-Apr-07	Maxx	8.2	1120	530	580	86	0.07	< 1	110	24	72	1.4	< 0.05	0.18	1.6		3	< 0.01	< 0.1
21-Jun-07	Maxx	8.1	1210	548	670	104	0.17	< 1	130	35	82	1.6	< 0.05	0.15	1.73		2	< 0.01	< 0.1
16-Aug-07	Maxx	8.1	1130	534	620	97	0.13	< 1	120	30	78	1.5	< 0.05	0.17	1.36		1	< 0.01	< 0.1
14-Nov-07	Maxx	8	1190	530	610	101	0.14	< 1	120	28	76	1.5	< 0.1	0.17	1.51		1	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

Monitor

59-I
Waste
10.8 - 20.0 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
26-Apr-02	Philip	7.64	19220	8460	2330	2320	23.9	88	56.6	1830	531	1110	9.14	< 0.05	895		0.5	< 2	< 0.2
19-Jun-02	Philip	7.64	19700	7750	2370	2320	22.6	72	58	1820	541	1160	9.49	0.06	886		0.5	< 0.2	< 0.2
12-Aug-02	Philip	7.58	19680	8010	2380	2220	21.8	84	54.6	1890	545	1220	8.2	< 0.05	855		1.3	< 20	2.5
04-Nov-02	Philip	7.67	19560	7470	2340	2210	21.5	81	54.3	1830	535	1190	7.95	< 0.05	774		5	< 5	< 2
22-Apr-03	Philip	7.58	17400	6470	2269	2510	22.6	98	54.7	1830	517	1150	4.47	< 0.05	736		2.6	< 2	< 0.2
23-Jun-03	Philip	7.43	20450	7700	2083	1980	22.5	23	55.2	1730	472	1090	4.58	0.052	845		0.5	< 2	< 0.2
02-Sep-03	Philip	7.67	18280	7730	2301	2140	25.1	50	51.5	1820	527	1180	8.02	0.055	840		5	< 2	< 2
03-Nov-03	Philip	7.66	19520	7610	2164	2570	22.9	56	47.7	1820	496	1150	5.32	0.051	922		5	< 2	< 2
19-Apr-04	Philip	7.69	19660	7730	2378	2050	36.2	56	44.6	2010	550	1260	6.21	0.055	710		5	< 2	< 2
07-Jun-04	Philip	7.66	21500		2260	2570	27.9	124	44.1	1860	522	1160	9.36	0.052	963		0.5	< 2	< 0.2
23-Aug-04	Philip																		
02-Nov-04	Philip	7.95	21500	9050	2014	2440	26.4	50	42	1630	463	1020	7.02	0.156	865		3.2	< 2	< 0.2
11-Apr-05	Philip	7.55	19680	7490	2235	2170	27.7	63	47.3	1850	514	1140	9.53	0.057	9.33		1	< 2	< 0.2
21-Jun-05	MAX	8.3	17500	7630	2360	2270	24.5	110	47	1680	469	1130	3.8	0.05	846		5	< 10	< 1
31-Aug-05	MAX	8.6	18000	8490	2510	2330	47	106	46	2300	630		7.2	0.068	862		10	0.05	< 0.1
15-Nov-05	MAX	8.21	15900	8330	2400	2430	38	110	46	2000	560	1200	20	0.066	192		2	0.05	< 0.1
28-Apr-06	INV																		
07-Jun-06	INV																		
30-Aug-06	MAX	7.7	18900	8350	2600	2430	40	118	40	2200	610	1300	7.9	0.073	799		19	< 0.1	< 1
24-Nov-06	MAX	7.8	18900	8140	2300	2440	34	110	43	1900	540	1200	4.7	0.058	960		5	< 0.1	< 1
16-Apr-07	Maxx	8.1	18800	8120	2700	2610	40	290	44	2200	640	1300	6.9	0.057	806		1	< 0.2	< 2
21-Jun-07	Maxx	7.7	18100	7520	2400	2400	37	200	48	2100	560	1300	8.9	0.046	476		46	< 0.2	< 2
16-Aug-07	Maxx	7.7	17000	7030	2500	2380	38	160	51	2200	590	1300	11	0.076	809		10	< 0.1	< 1
14-Nov-07	Maxx	7.9	18400	7590	2200	2430	36	140	43	1900	510	1200	8.7	0.06	902		10	< 0.1	< 1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
	Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. as CaCO3 mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
Monitor	26-Apr-02	Philip	7.26	3145	1200	1060	544	2.11	< 1	231	318	117	8	2.54	0.209	8.01		2.7	< 0.2	< 0.2
	19-Jun-02	Philip	7.25	2783	980	1090	522	2.1	< 5	246	322	116	10	8.65	0.493	9.32		3.3	< 0.2	< 0.2
61-I	12-Aug-02	Philip	7.71	2796	1140	1190	318	2.23	1	280	294	119	10	18.3	0.522	8.6		3.1	< 2	< 0.2
Outwash	22-Apr-03	INV																		
23.8 - 25.3 m	23-Jun-03	INV																		
	02-Sep-03	INV																		
	03-Nov-03	INV																		
	19-Apr-04	INV																		
	07-Jun-04	INV																		
	23-Aug-04	INV																		
	02-Nov-04	INV																		
	11-Apr-05	INV																		
	21-Jun-05	INV																		
	31-Aug-05	INV																		
	15-Nov-05	INV																		
	28-Apr-06	Broke																		
	07-Jun-06	Broke																		
	30-Aug-06	Broke																		
	24-Nov-06	Broke																		
	24-Nov-06	Broke																		
	24-Nov-06	INV																		
	24-Nov-06	INV																		
	16-Apr-07	Broke																		
Monitor	21-Jun-07	INV																		
	16-Aug-07	INV																		
61-IR	14-Nov-07	INV																		
Outwash																				
24.7 -26.7 m																				

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

Monitor

63-I
Outwash
15.1 - 16.6 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
22-Apr-03	Dry																		
23-Jun-03	Dry																		
02-Sep-03	Dry																		
03-Nov-03	Dry																		
19-Apr-04	Dry																		
07-Jun-04	Dry																		
23-Aug-04	Dry																		
02-Nov-04	Dry																		
11-Apr-05	Dry																		
21-Jun-05	Dry																		
31-Aug-05	Dry																		
15-Nov-05	Dry																		
28-Apr-06	INV																		
07-Jun-06	INV																		
30-Aug-06	INV																		
24-Nov-06	INV																		
16-Apr-07	INV																		
21-Jun-07	Maxx	8.1	1730	712	660	198	0.25	4	140	190	76	1.9	0.11	< 0.002	1.08		9	< 0.01	< 0.1
16-Aug-07	INV																		
14-Nov-07	INV																		

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
	Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
Monitor	26-Apr-02	Philip	6.75	1939	979	826	122	0.24	20	200	135	79.1	11	73.4	0.864	9.6		0.5	< 0.2	< 0.2
	19-Jun-02	Philip	6.82	1855	1040	855	128	0.24	26	206	144	82.5	12	79.7	0.953	9.85		0.5	< 0.2	0.2
65-I	12-Aug-02	Philip	6.87	2008	1040	829	158	0.32	35	197	177	81.6	14	72.8	0.831	10.3		0.5	< 0.2	< 0.2
	22-Apr-03	INV																		
Waste/Fill	23-Jun-03	Philip	6.75	1906	1070	818.1	102	0.25	235	205	128	73.8	11	79.3	0.907	8.7		0.5	< 0.2	< 0.2
	02-Sep-03	Philip	6.71	1888	1040	505.5	137	22.3	22	113	113	53.6	2	75.1	0.78	11.1		0.5	< 0.2	< 0.2
5.7 - 10.3 m	03-Nov-03	INV																		
	19-Apr-04	Philip	7.02	1506	831	762	84.6	0.2	11	179	113	76.2	12	13.9	0.871	8.5		5.1	< 0.2	< 0.2
	07-Jun-04	Philip	7.03	1956		745.6	150	0.30	15	176	166	74.2	12.1	36.3	0.766	9.7		1.7	< 0.2	< 0.2
	23-Aug-04	Philip	7.16	1986	992	719.4	221	0.31	10	166	174	73.5	12.4	23.4	0.688	8.3		7.5	< 0.2	< 0.2
	02-Nov-04	Philip	7.08	2203	1080	758.4	226	0.42	5	172	211	79.8	12.7	38.4	0.542	9.6		2.7	< 0.2	< 0.2
	11-Apr-05	Philip	7.7	1608	689	504.4	136	0.31	3	81.6	154	72.9	13.2	5.22	0.183	1.67		9.1	< 0.2	< 0.2
	21-Jun-05	MAX	7.64	1950	964	718	127	0.27	13	177	166	76.3	12.7	45.2	0.63	11		7	< 0.1	< 0.1
	31-Aug-05	MAX	7.71	1990	1000	720	170	0.31	4	190	230	90		23	0.48	11		7	< 0.01	< 0.1
	15-Nov-05	MAX	7.81	1510	731	530	150	0.25	5	120	190	65	13	16	0.21	11.7		68	0.02	< 0.1
	28-Apr-06	Maxx	7.8	2430	1070	960	160	0.32	17	220	280	100	29	32	0.82	11.3		196	< 0.01	< 0.1
	07-Jun-06	Maxx	7.8	2670	1190	940	191	0.3	3	200	270	110	35	4.1	0.6	11.1		182	< 0.01	< 0.1
	30-Aug-06	MAX	7.7	3140	1390	1000	300	0.39	4	200	380	120	41	16	0.35	16.8		102	< 0.01	< 0.1
	24-Nov-06	MAX	8	2230	981	840	143	0.31	7	210	180	78	17	57	0.71	20.2		172	< 0.01	< 0.1
	16-Apr-07	Maxx	7.7	2400	1060	980	170	0.34	15	220	210	100	24	19	0.83	10.9		145	< 0.01	< 0.1
	21-Jun-07	Maxx	7.8	3590	1590	1400	305	1.1	21	250	360	180	63	4.5	0.63	28.8		203	< 0.01	< 0.1
	16-Aug-07	Maxx	7.8	3980	1750	1400	366	1	9	230	500	190	82	38	0.35	36.1		172	< 0.01	< 0.1
	14-Nov-07	Maxx	8	3260	1230	820	356	0.69	< 1	110	480	130	62	0.12	0.11	25.1		82	0.02	0.2
Monitor	22-Apr-03	INV																		
	23-Jun-03	Broke																		
66-I	02-Sep-03	Broke																		
	03-Nov-03	Broke																		
Outwash	19-Apr-04	Broke																		
	07-Jun-04	Broke																		
14.3 - 19.6 m	23-Aug-04	Broke																		
	02-Nov-04	Broke																		
	11-Apr-05	Broke																		
	21-Jun-05	Broke																		
	31-Aug-05	Broke																		
	15-Nov-05	Broke																		
	28-Apr-06	Broke																		
	07-Jun-06	Broke																		
	30-Aug-06	Broke																		
	24-Nov-06	Broke																		
	16-Apr-07	Broke																		

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - General Analysis - - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents			
	Date	Lab	pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	BOD mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS		6.5-8.5 a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a			500 a	1.0 ht	10.0 h
Monitor	21-Jun-07	Maxx	8	3230	802	910	653	0.55	30	170	450	120	32	30	0.32	14.6		4	< 0.01	< 0.1
66-IR	16-Aug-07	INV																		
Outwash	14-Nov-07	INV																		
18.4 - 20.6 m																				
Monitor	22-Apr-03	INV																		
67-I	23-Jun-03	INV																		
Waste	02-Sep-03	Dry																		
16.2 - 20.7 m	03-Nov-03	INV																		
	19-Apr-04	INV																		
	07-Jun-04	INV																		
	23-Aug-04	INV																		
	02-Nov-04	INV																		
	11-Apr-05	INV																		
	21-Jun-05	INV																		
	31-Aug-05	INV																		
	15-Nov-05	INV																		
	28-Apr-06	INV																		
	07-Jun-06	INV																		
	30-Aug-06	INV																		
	24-Nov-06	INV																		
	16-Apr-07	Maxx	7.8	3080	1040	950	434	3.3	27	120	370	160	28	3.4	0.16	10.7		18	< 0.01	< 0.1
	21-Jun-07	INV																		
	16-Aug-07	Maxx	8	2490	862	920	383	1.7	5	140	220	140	23	7.3	0.14	21.7		2	< 0.01	< 0.1
	14-Nov-07	Maxx	7.7	2450	828	970	356	0.9	2	180	170	130	14	< 0.1	0.19	7.57		4	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor	11-Apr-05	INV															
	21-Jun-05	INV															
1-IR	31-Aug-05	INV															
Outwash	15-Nov-05	INV															
	28-Apr-06	INV															
	07-Jun-06	INV															
	30-Aug-06	INV															
	24-Nov-06	INV															
	10-Apr-07	INV															
	18-Jun-07	INV															
	13-Aug-07	INV															
	13-Nov-07	INV															
Monitor	23-Jun-03	Philip	1.1	2.5	< 0.05	< 0.5	0.311	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
	02-Sep-03	Philip	1.1	< 0.5	< 0.05	< 0.5	0.378	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
51-IR	03-Nov-03	Philip	1.1	3.6	< 0.005	< 0.05	0.309	< 0.0005	0.007	< 0.005	0.008	< 0.005	< 0.02	0.04	< 0.05	< 0.005	< 0.005
Waste	19-Apr-04	Philip	1.3	< 5	< 0.05	< 0.5	0.325	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
7.3 - 22.6 m	07-Jun-04	Philip	1.5	< 0.5	< 0.001	< 0.05	0.381	< 0.01	< 0.001	0.009	< 0.05	< 0.005	< 0.01	0.037	< 0.005	< 0.005	< 0.05
	23-Aug-04	Philip	1.5	3.8	< 0.0001	0.053	0.357	< 0.001	< 0.0001	0.009	< 0.05	0.001	0.003	0.041	< 0.0005	0.021	0.084
	02-Nov-04	Philip	1.2	3.9	< 0.0001	0.017	0.313	< 0.0005	< 0.0001	0.012	< 0.05	0.0009	0.004	0.05	< 0.0005	0.027	< 0.005
	11-Apr-05	Philip	1.3	4.4	< 0.0001	0.022	0.28	< 0.0005	< 0.0001	0.012	< 0.005	0.002	0.004	0.044	< 0.0005	0.030	< 0.005
	21-Jun-05	MAX	1.4	0.48	< 0.0005	0.04	0.355	< 0.0005	< 0.0001	0.015	< 0.005	0.009	0.004	0.072	< 0.0005	< 0.001	< 0.005
	31-Aug-05	MAX	1.5	3	0.015	< 0.005	0.38	< 0.0005	< 0.0001	0.02	0.067	< 0.001	< 0.001	0.1	< 0.0005	< 0.001	< 0.005
	15-Nov-05	MAX		4	< 0.005	< 0.05	0.34	< 0.005		0.014	< 0.05	< 0.01	< 0.01	0.07	< 0.005	< 0.01	< 0.05
	28-Apr-06	Maxx	1.3	5	< 0.003	0.07	0.39	< 0.003		0.017	< 0.03	< 0.005	0.005	0.12	< 0.003	< 0.005	< 0.03
	07-Jun-06	Maxx	1.5	< 10							< 0.03			0.099			< 0.03
	30-Aug-06	INV															
	24-Nov-06	MAX	1.4	4							0.022			0.098			< 0.005
	16-Apr-07	Maxx	1.5	4							< 0.03			0.065			< 0.03
	21-Jun-07	Maxx	1.4	19							0.019			0.075			0.006
	16-Aug-07	Maxx	1.6	< 10							< 0.03			0.085			< 0.03
	14-Nov-07	Maxx	1.4	< 10							< 0.05			0.065			< 0.05

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor

51-II
Outwash
23.6 - 26.7 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	1.04	3.2	< 0.005	< 0.03	0.432	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.2	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	0.977	3	< 0.005	< 0.03	0.46	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	0.04	< 0.05	< 0.005	< 0.005
12-Aug-02	Philip	1.1	< 0.5	< 0.005	< 0.03	0.487	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	0.04	< 0.05	< 0.005	< 0.005
04-Nov-02	Philip	1.5	2.6	< 0.05	< 0.3			< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
22-Apr-03	Philip	< 1	3.5	< 0.005	0.03	0.449	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	0.03	< 0.05	< 0.005	0.061
23-Jun-03	Philip	1.2	2.9	< 0.005	< 0.05	0.484	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	0.05	< 0.05	< 0.005	0.05
02-Sep-03	Philip	1.1	7	< 0.005	< 0.05	0.478	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	0.05	< 0.05	< 0.005	0.064
03-Nov-03	Philip	1.1	3.3	< 0.005	< 0.05	0.45	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	0.04	< 0.05	< 0.005	0.015
19-Apr-04	Philip	1.1	3	< 0.005	< 0.05	0.483	< 0.0005	< 0.005	< 0.005	0.006	< 0.005	< 0.02	0.04	< 0.05	< 0.005	< 0.005
07-Jun-04	Philip	1.1	3.4	< 0.0001	0.01	0.49	< 0.001	< 0.0001	0.003	< 0.01	0.0007	< 0.001	0.049	< 0.0005	< 0.005	0.02
23-Aug-04	Philip	1.2	3.4	< 0.0001	< 0.005	0.486	< 0.001	< 0.0001	0.003	< 0.05	0.0008	< 0.001	0.051	< 0.0005	0.009	0.012
02-Nov-04	Philip	1.2	3.3	< 0.0001	< 0.005	0.471	< 0.0005	< 0.0001	0.003	< 0.005	0.005	0.001	0.048	< 0.0005	< 0.005	0.009
11-Apr-05	Philip	1.3	3.7	< 0.0001	< 0.005	0.516	< 0.0005	< 0.0001	0.003	< 0.005	0.002	0.001	0.05	< 0.0005	0.009	0.01
21-Jun-05	MAX	1	< 18	< 0.0005	0.006	0.491	< 0.0005	< 0.0001	0.004	< 0.005	0.003	0.001	0.052	< 0.0005	< 0.001	0.017
31-Aug-05	MAX	1.1	< 1	< 0.0005	0.011	0.47	< 0.0005	< 0.0001	0.004	0.009	0.002	0.001	0.057	< 0.0005	0.002	0.019
15-Nov-05	MAX		4	< 0.005	< 0.05	0.51	< 0.005		< 0.005	< 0.05	< 0.01	< 0.01	0.061	< 0.005	< 0.01	< 0.05
28-Apr-06	Maxx	1.3	5	< 0.0005	< 0.005	0.55	< 0.0005		0.005	0.013	0.001	0.002	0.066	< 0.0005	< 0.005	0.019
07-Jun-06	Maxx	1.3	< 10							< 0.03			0.065			0.026
30-Aug-06	MAX	0.9	4							< 0.005			0.063			0.029
24-Nov-06	MAX	1.2	4							< 0.005			0.066			0.034
16-Apr-07	Maxx	1.4	3							0.007			0.067			0.038
21-Jun-07	Maxx	1.3	17							0.008			0.072			0.019
16-Aug-07	Maxx	1.5	< 10							< 0.03			0.075			< 0.03
14-Nov-07	Maxx	1.2	3							< 0.025			0.067			0.026

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor	22-Apr-03	Plugg															
	23-Jun-03	Philip	1.1	7.4	< 0.05	< 0.5	0.387	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	0.241
55-IR	02-Sep-03	Philip	1.5	10	< 0.05	< 0.5	0.396	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
Outwash	03-Nov-03	Philip	1.5	9.7	< 0.005	0.06	0.246	< 0.0005	< 0.005	0.018	0.025	< 0.005	< 0.02	0.12	< 0.05	< 0.005	< 0.005
11.2 - 15.8 m	19-Apr-04	Philip	1.6	9	< 0.05	< 0.5	0.263	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	0.22	< 0.5	< 0.05	0.084
	07-Jun-04	Philip	5.1	9.7	< 0.001	0.139	0.383	< 0.01	< 0.001	0.032	< 0.05	0.021	< 0.01	0.193	< 0.005	0.009	< 0.05
	23-Aug-04	INV															
	02-Nov-04	INV															
	11-Apr-05	INV															
	21-Jun-05	INV															
	31-Aug-05	INV															
	15-Nov-05	INV															
	28-Apr-06	INV															
	07-Jun-06	INV															
	30-Aug-06	MAX	0.7	9							< 0.05			0.19			< 0.05
	24-Nov-06	INV															
	24-Nov-06	INV															<
	24-Nov-06	MAX	1.5	10							0.035			0.18			0.03
	24-Nov-06	MAX	1.5	10							0.035			0.18			< 0.03
	16-Apr-07	Maxx	1.6	10							0.036			0.19			< 0.03
	21-Jun-07	MAX															
	16-Aug-07	INV															
	14-Nov-07	INV															
Monitor	23-Jun-03	INV															
	02-Sep-03	Philip	0.8	< 0.5	< 0.005	< 0.05	0.946	< 0.0005	< 0.005	0.007	0.007	< 0.005	< 0.02	0.11	< 0.05	< 0.005	0.026
56-IR	03-Nov-03	N/A															
Outwash	19-Apr-04	Plugg															
12.0 - 18.1 m	07-Jun-04	INV															
	23-Aug-04	INV															
	02-Nov-04	Philip	0.7	4.2	< 0.0001	0.013	0.655	< 0.0005	< 0.0001	0.009	< 0.005	0.004	0.008	0.115	0.002	< 0.005	0.075
	11-Apr-05	INV															
	21-Jun-05	MAX	0.6	5.68	< 0.005	< 0.05	0.7	< 0.005	< 0.001	< 0.005	< 0.05	0.01	< 0.01	0.1	< 0.005	< 0.01	< 0.05
	31-Aug-05	INV															
	15-Nov-05	MAX		4	< 0.005	< 0.05	0.91	< 0.005		< 0.005	< 0.05	< 0.01	< 0.01	0.11	< 0.005	< 0.01	< 0.05
	28-Apr-06	INV															
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			0.012			0.011
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.007			0.027
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.007			0.025
	16-Apr-07	Maxx	< 0.1	< 1							< 0.005			0.009			0.02
	21-Jun-07	INV															
	16-Aug-07	INV															
	14-Nov-07	INV															

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor

57-I
Outwash
18.5 - 26.1 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.041	< 0.5	< 0.005	< 0.03	0.33	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	0.028	< 0.5	< 0.005	< 0.03	0.304	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
12-Aug-02	Philip	< 0.1	3.3	< 0.005	< 0.03	0.381	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.027
04-Nov-02	Philip	0.2	< 0.5	< 0.005	0.04			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	0.006	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.394	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	0.1	< 0.5	< 0.005	< 0.05	0.457	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.005
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.462	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
03-Nov-03	Philip	< 0.5	0.4	< 0.005	< 0.05	0.499	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.376	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	0.007	0.41	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	0.003	< 0.0005	< 0.0005	0.018
23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.363	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
02-Nov-04	Philip	0.1	< 0.5	< 0.0001	< 0.005	0.424	< 0.0005	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	0.002	< 0.0005	< 0.0005	< 0.05
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.439	< 0.0005	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	0.002	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	0.1	< 0.35	< 0.0005	0.005	0.396	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.004	< 0.001	0.003	< 0.0005	< 0.001	0.006
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.42	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	< 0.001	0.003	< 0.0005	< 0.001	< 0.005
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.45	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	0.005	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.41	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	0.003	< 0.0005	< 0.001	< 0.005
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.003			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.003			< 0.005
16-Apr-07	Maxx	0.2	< 1							< 0.005			0.004			< 0.005
21-Jun-07	Maxx	0.2	< 1							< 0.005			0.005			< 0.005
16-Aug-07	Maxx	0.3	< 1							< 0.005			0.007			< 0.005
14-Nov-07	Maxx	0.2	< 1							< 0.005			0.005			0.006

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor

58-I
Outwash
18.9 - 20.4 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.064	< 0.5	< 0.005	< 0.03	0.256	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.073
19-Jun-02	Philip	0.054	< 0.5	< 0.005	< 0.03	0.237	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.252	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.026
04-Nov-02	Philip	< 0.1	< 0.5	0.006	0.06			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.25	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.241	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.264	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.059
03-Nov-03	Philip	< 0.5	0.3	< 0.005	< 0.05	0.267	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	0.19	0.261	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.258
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.253	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	0.005
23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.258	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.237	< 0.0005	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.239	< 0.0005	< 0.0001	0.0002	< 0.005	0.0007	< 0.001	< 0.001	0.0005	< 0.0005	0.008
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	0.006	0.229	< 0.0005	0.0001	< 0.0005	< 0.005	0.008	< 0.001	< 0.001	< 0.0005	< 0.001	0.009
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.3	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	< 0.001	0.001	< 0.0005	< 0.001	0.006
15-Nov-05	MAX		< 1	< 0.0005	0.011	0.29	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	0.002	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	2	< 0.0005	< 0.005	0.27	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.007
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.007
16-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.007
21-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.007
16-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
14-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.009

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor

59-I
Waste
10.8 - 20.0 m

Date		Trace Elements														
		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	2.31	9.7	< 0.05	< 0.3	0.228	< 0.005	< 0.05	< 0.05	0.075	< 0.05	< 0.2	0.32	< 0.5	< 0.05	< 0.05
19-Jun-02	Philip	2.16	8.9	< 0.05	0.37	0.256	< 0.005	< 0.05	0.059	0.14	< 0.05	< 0.2	0.34	< 0.5	< 0.05	< 0.05
12-Aug-02	Philip	2	< 0.5	< 0.05	< 0.3	0.209	< 0.005	< 0.05	< 0.05	0.102	< 0.05	< 0.2	0.25	< 0.5	< 0.05	< 0.05
04-Nov-02	Philip	2.4	7	< 0.05	< 0.3			< 0.05	< 0.05	0.066	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
22-Apr-03	Philip	2.8	8.5	< 0.05	< 0.3	0.22	< 0.005	< 0.05	< 0.05	0.118	< 0.05	< 0.2	0.26	< 0.5	< 0.05	< 0.05
23-Jun-03	Philip	1.9	6.9	< 0.05	< 0.5	0.213	< 0.005	< 0.05	< 0.05	0.115	< 0.05	< 0.2	0.22	< 0.5	< 0.05	< 0.05
02-Sep-03	Philip	2.3	< 5	< 0.05	< 0.5	0.196	< 0.005	< 0.05	< 0.05	0.108	0.096	< 0.2	< 0.2	< 0.5	< 0.05	0.124
03-Nov-03	Philip	2.3	9.1	< 0.05	< 0.5	0.171	< 0.005	< 0.05	< 0.05	0.097	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
19-Apr-04	Philip	2.3	9	< 0.05	< 0.5	0.176	< 0.005	< 0.05	< 0.05	0.118	< 0.05	< 0.2	0.32	< 0.5	< 0.05	< 0.05
07-Jun-04	Philip	2.4	9.3	< 0.001	0.182	0.205	< 0.01	< 0.001	0.031	0.104	< 0.005	< 0.01	0.293	0.008	0.011	< 0.05
23-Aug-04	Philip															
02-Nov-04	Philip	2.3	9.3	< 0.001	0.098	0.15	< 0.005	< 0.001	0.026	0.081	< 0.005	< 0.01	0.253	< 0.005	0.006	< 0.05
11-Apr-05	Philip	2.6	10.8	< 0.001	0.156	0.194	< 0.005	< 0.001	0.029	0.051	0.008	< 0.01	0.286	0.006	0.040	< 0.05
21-Jun-05	MAX	2.1	7.6	< 0.005	0.11	1.1	< 0.005	< 0.001	0.03	0.1	< 0.01	< 0.01	0.29	< 0.005	< 0.01	0.39
31-Aug-05	MAX	2	16	< 0.005	0.2	0.21	< 0.005	< 0.001	0.03	0.19	0.059	< 0.01	0.31	< 0.005	0.017	< 0.05
15-Nov-05	MAX		< 10	< 0.005	0.19	0.18	< 0.005	< 0.001	0.022	0.11	< 0.01	< 0.01	0.31	< 0.005	< 0.01	< 0.05
28-Apr-06	INV															
07-Jun-06	INV															
30-Aug-06	MAX	1.2	11							0.13			0.32			< 0.03
24-Nov-06	MAX	2.2	8							0.11			0.31			< 0.03
16-Apr-07	Maxx	2.3	10							0.16			0.35			< 0.05
21-Jun-07	Maxx	2.3	24							0.1			0.33			< 0.05
16-Aug-07	Maxx	2.3	< 10							0.099			0.32			< 0.03
14-Nov-07	Maxx	2.2	< 10							0.13			0.31			< 0.05

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor	26-Apr-02	Philip	0.593	1.9	< 0.005	< 0.03	0.695	< 0.0005	< 0.005	< 0.005	< 0.005	0.005	< 0.02	0.03	< 0.05	< 0.005	0.024
	19-Jun-02	Philip	0.553	2	< 0.005	< 0.03	0.767	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	0.03	< 0.05	< 0.005	0.055
61-I	12-Aug-02	Philip	0.6	2.1	< 0.005	0.04	0.879	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	0.03	< 0.05	< 0.005	0.038
Outwash	22-Apr-03	INV															
23.8 - 25.3 m	23-Jun-03	INV															
	02-Sep-03	INV															
	03-Nov-03	INV															
	19-Apr-04	INV															
	07-Jun-04	INV															
	23-Aug-04	INV															
	02-Nov-04	INV															
	11-Apr-05	INV															
	21-Jun-05	INV															
	31-Aug-05	INV															
	15-Nov-05	INV															
	28-Apr-06	Broke															
	07-Jun-06	Broke															
	30-Aug-06	Broke															
	24-Nov-06	Broke															
	24-Nov-06	Broke															
	24-Nov-06	INV															
	24-Nov-06	INV															
	16-Apr-07	Broke															
Monitor	21-Jun-07	INV															
	16-Aug-07	INV															
61-IR	14-Nov-07	INV															
Outwash																	
24.7 -26.7 m																	

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor	22-Apr-03	Dry															
	23-Jun-03	Dry															
63-I	02-Sep-03	Dry															
Outwash	03-Nov-03	Dry															
15.1 - 16.6 m	19-Apr-04	Dry															
	07-Jun-04	Dry															
	23-Aug-04	Dry															
	02-Nov-04	Dry															
	11-Apr-05	Dry															
	21-Jun-05	Dry															
	31-Aug-05	Dry															
	15-Nov-05	Dry															
	28-Apr-06	INV															
	07-Jun-06	INV															
	30-Aug-06	INV															
	24-Nov-06	INV															
	16-Apr-07	INV															
	21-Jun-07	Maxx	< 0.1	4							< 0.005			0.022			0.018
	16-Aug-07	INV															
	14-Nov-07	INV															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements															
	Date		I	Br	Ag	Al	Ba	Be	Cd	Co	Cr	Cu	Mo	Ni	Pb	V	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor	26-Apr-02	Philip	0.46	0.5	< 0.005	0.03	0.203	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.061
	19-Jun-02	Philip	0.436	< 0.5	< 0.005	0.04	0.207	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.029
65-I	12-Aug-02	Philip	0.6	0.7	< 0.005	< 0.03	0.221	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	0.006	< 0.005
Waste/Fill	22-Apr-03	INV															
5.7 - 10.3 m	23-Jun-03	Philip	0.5	< 0.5	< 0.005	0.18	0.216	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.254
	02-Sep-03	Philip	0.6	< 0.5	< 0.05	< 0.5	0.383	< 0.005	< 0.05	< 0.05	0.065	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
	03-Nov-03	INV															
	19-Apr-04	Philip	< 0.5	0.5	< 0.005	0.12	0.062	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.056
	07-Jun-04	Philip	0.4	0.7	< 0.0001	0.006	0.128	< 0.001	< 0.0001	0.001	< 0.005	0.0005	< 0.001	0.002	< 0.0005	0.001	0.018
	23-Aug-04	Philip	0.4	0.9	< 0.0001	0.016	0.125	< 0.001	< 0.0001	0.004	< 0.005	< 0.0005	0.002	0.007	< 0.0005	0.002	0.037
	02-Nov-04	Philip	0.7	0.9	< 0.0001	0.006	0.165	< 0.0005	< 0.0001	0.002	< 0.005	< 0.0005	< 0.001	0.003	< 0.0005	0.002	0.012
	11-Apr-05	Philip	0.2	0.7	< 0.0001	0.005	0.078	< 0.0005	< 0.0001	0.002	< 0.005	0.001	0.002	0.008	< 0.0005	0.0009	< 0.005
	21-Jun-05	MAX	0.4	< 0.35	< 0.0005	0.007	0.145	< 0.0005	< 0.0001	0.003	< 0.005	0.008	0.002	0.01	< 0.0005	< 0.001	0.013
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.15	< 0.0005	< 0.0001	0.004	< 0.005	< 0.001	0.021	0.035	< 0.0005	< 0.001	0.009
	15-Nov-05	MAX		< 1	< 0.0005	0.006	0.11	< 0.0005		0.004	< 0.005	< 0.001	0.03	0.037	< 0.0005	< 0.001	0.011
	28-Apr-06	Maxx	0.4	2	< 0.0005	< 0.005	0.17	< 0.0005		0.007	< 0.005	< 0.001	0.002	0.013	< 0.0005	< 0.001	0.019
	07-Jun-06	Maxx	0.6	1							< 0.005			0.012			0.008
	30-Aug-06	MAX	0.3	< 1							< 0.005			0.011			0.026
	24-Nov-06	MAX	0.4	1							< 0.005			0.006			< 0.005
	16-Apr-07	Maxx	0.4	< 1							< 0.005			< 0.005			0.007
	21-Jun-07	Maxx	0.6	2							< 0.005			0.009			0.019
	16-Aug-07	Maxx	0.9	2							< 0.005			0.011			< 0.005
	14-Nov-07	Maxx	0.5	2							< 0.005			0.013			< 0.005
Monitor	22-Apr-03	INV															
	23-Jun-03	Broke															
66-I	02-Sep-03	Broke															
Outwash	03-Nov-03	Broke															
14.3 - 19.6 m	19-Apr-04	Broke															
	07-Jun-04	Broke															
	23-Aug-04	Broke															
	02-Nov-04	Broke															
	11-Apr-05	Broke															
	21-Jun-05	Broke															
	31-Aug-05	Broke															
	15-Nov-05	Broke															
	28-Apr-06	Broke															
	07-Jun-06	Broke															
	30-Aug-06	Broke															
	24-Nov-06	Broke															
	16-Apr-07	Broke															

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C1: Routine Leachate Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor	21-Jun-07	Maxx	1.6	5							< 0.005			0.015			0.005
	16-Aug-07	INV															
66-IR	14-Nov-07	INV															
Outwash																	
18.4 - 20.6 m																	
Monitor	22-Apr-03	INV															
	23-Jun-03	INV															
67-I	02-Sep-03	Dry															
Waste	03-Nov-03	INV															
16.2 - 20.7 m	19-Apr-04	INV															
	07-Jun-04	INV															
	23-Aug-04	INV															
	02-Nov-04	INV															
	11-Apr-05	INV															
	21-Jun-05	INV															
	31-Aug-05	INV															
	15-Nov-05	INV															
	28-Apr-06	INV															
	07-Jun-06	INV															
	30-Aug-06	INV															
	24-Nov-06	INV															
	16-Apr-07	Maxx	0.9	3							< 0.005			0.058			0.016
	21-Jun-07	INV															
	16-Aug-07	Maxx	1.4	4							< 0.005			0.035			0.02
	14-Nov-07	Maxx	1.9	2							< 0.005			0.028			0.02

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 2-I Outwash 9.8 - 10.4 m	26-Apr-02	Phili	7.66	704	284	362	14.5	0.21	< 1	80.7	9.7	39	6	3.98	0.053	2.47	105	< 0.2	< 0.2
	19-Jun-02	Phili	7.74	688	269	357	14.5	0.21	< 1	80.1	9.1	38	6	3.72	0.059	2.4	101	< 0.2	0.5
	12-Aug-02	Phili	7.42	671	262	352	15.2	0.2	< 1	79.9	9.1	37	5	3.88	0.055	2.43	99	< 0.2	< 0.2
	04-Nov-02	Phili	7.61	664	264	366	15.5	0.21	< 1	82	9.2	39.1	6	3.66	0.054	2.46	97.8	< 0.2	< 0.2
	22-Apr-03	Phili	7.66	683	255	346.7	14.3	0.18	< 1	78.5	9.1	36.5	5	3.65	0.052	2.16	92.6	< 0.2	0.2
	23-Jun-03	Phili	7.77	668	257	341.3	13.9	0.21	1	77.8	9.9	35.6	5	4.27	0.06	2.24	92.9	< 0.2	< 0.2
	02-Sep-03	Phili	7.44	665	254	346.8	14.4	0.19	< 1	79.5	9.2	35.9	5	3.72	0.056	2.36	96.3	< 0.2	< 0.2
	03-Nov-03	Phili	7.73	658	262	350.5	17.4	0.19	< 5	80.7	9.3	36.1	5	3.65	0.057	2.17	102	< 0.2	< 0.2
	19-Apr-04	Phili	7.77	662	260	340.3	15.2	0.19	< 1	78.5	9.2	35	5	< 0.01	0.056	1.83	102	< 0.2	< 0.2
	07-Jun-04	Phili	7.47	712		368.8	17.6	0.20	4	87.8	9.6	36.3	5	4.71	0.069	2.22	111	< 0.2	< 0.2
	23-Aug-04	Phili	7.83	702	269	361	16.7	0.18	< 1	87.9	9.4	34.3	4.6	4.5	0.061	2.31	109	< 0.2	< 0.2
	02-Nov-04	Phili	7.74	722	286	373.8	16.4	0.17	< 1	88.1	8.8	37.3	4.9	4.19	0.063	2.42	101	< 0.2	< 0.2
	11-Apr-05	Phili	7.38	724	288	349.5	13.6	0.19	< 1	83.8	8.3	34	4.4	3.94	0.06	2.16	88.4	< 0.2	< 0.2
	21-Jun-05	MAX	8.1	712	297	368	11.5	0.19	< 1	90.5	9.5	37.8	5	4.03	0.054	2.26	84.7	< 0.1	< 0.1
	31-Aug-05	MAX	8.03	688	316	384	11	0.18	< 1	84	8.7	35		4.4	0.058	2.18	85	0.01	< 0.1
	15-Nov-05	MAX	8.25	623	302	360	13	0.19	< 1	89	9.4	39	4.9	4.7	0.064	2.09	83	< 0.01	< 0.1
	28-Apr-06	Maxx	8.1	736	317	390	14	0.19	< 1	92	9.1	38	4.9	4.9	0.066	2.36	78	< 0.01	< 0.1
	07-Jun-06	Maxx	8.2	735	314	370	15	0.18	< 1	87	9	38	4.9	4.3	0.058	2.16	93	< 0.01	< 0.1
	30-Aug-06	MAX	7.9	720	323	400	14	0.18	< 1	96	9.5	38	5.2	4.8	0.063	2.05	87	< 0.01	< 0.1
	24-Nov-06	MAX	8.1	743	317	400	14	0.18	< 1	94	11	41	5.1	5.2	0.066	2.19	87	< 0.01	< 0.1
	10-Apr-07	Maxx	8.1	757	311	410	14	0.21	< 1	94	10	42	5.2	4.3	0.088	2.26	92	< 0.01	< 0.1
	18-Jun-07	Maxx	8.2	745	314	420	14	0.19	< 1	97	10	42	5.3	5.3	0.069	2.26	91	< 0.01	< 0.1
	13-Aug-07	Maxx	8.3	736	299	410	19	0.19	< 1	95	11	42	5.2	4.7	0.067	2.38	96	< 0.01	< 0.1
	13-Nov-07	Maxx	8.3	971	290	460	94	0.19	< 1	110	32	46	5.8	5.4	0.076	2.48	84	< 0.01	< 0.1
Monitor 2-II Outwash 0.2 - 4.6 m	26-Apr-02	Phili	7.29	996	468	511	36.5	0.08	< 1	164	28.9	24.6	3	0.1	0.041	0.05	58	< 0.2	1
	22-Apr-03	Phili	7.25	961	455	531.7	17.6	0.07	< 1	175	14.2	22.8	1	1.22	0.043	0.22	53.9	< 0.2	4
	02-Sep-03	INV																	
	19-Apr-04	INV																	
	23-Aug-04	INV																	
	11-Apr-05	Phili	6.94	943	474	513.7	8.6	0.11	< 1	167	8.7	23.3	1.4	0.32	0.083	0.06	56.1	< 0.2	0.9
	31-Aug-05	MAX	7.82	922	520	572	11	0.13	< 1	160	9.4	24		1.1	0.22	0.47	58	< 0.01	0.7
	28-Apr-06	Maxx	8.2	653	346	350	5	0.07	< 1	120	11	16	1.3	< 0.05	0.026	0.11	21	0.02	2.5
	30-Aug-06	N/A																	
	10-Apr-07	Maxx	8	777	387	460	7	0.07	< 1	150	7.6	20	0.9	0.67	0.028	0.17	32	< 0.01	2.3
	13-Aug-07	Maxx	8.3	784	413	440	9	0.08	< 1	140	7.8	21	1.6	0.37	0.049	0.3	42	< 0.01	0.4

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 4-IR Bedrock 19.4 - 20.9 m	26-Apr-02	Phili	7.92	584	271	313	23.7	0.03	< 1	64.9	7.5	36.7	< 1	0.46	0.009	0.16	48.8	< 0.2	< 0.2
	19-Jun-02	Phili	7.99	587	257	319	24.3	0.03	< 1	66.7	7.6	37.1	1	0.47	0.011	0.13	49.5	< 0.2	2.4
	12-Aug-02	Phili	7.92	571	252	312	21	0.03	< 1	65.1	7.4	36.2	1	0.48	0.01	0.15	45.1	< 0.2	0.2
	04-Nov-02	Phili	7.92	569	253	301	22.4	0.03	< 1	63.2	9.5	34.8	2	0.47	0.01	0.15	47.7	< 0.2	< 0.2
	22-Apr-03	Phili	7.86	595	245	306.2	29.8	0.03	< 1	63.6	7.5	35.7	< 1	0.47	0.01	0.16	50.8	< 0.2	< 0.2
	23-Jun-03	Phili	8.03	589	249	343.1	29.2	0.04	< 1	77	8.1	36.5	1	0.51	0.021	0.17	53.2	< 0.2	6
	02-Sep-03	Phili	8.01	572	239	312.3	24.2	0.03	< 1	65	7.6	36.3	< 1	0.45	0.009	0.17	49.2	< 0.2	< 0.2
	03-Nov-03	Phili	7.93	577	246	315.5	34.2	0.03	< 1	66	8	36.5	< 1	0.5	0.011	0.19	50.4	< 0.2	< 0.2
	19-Apr-04	Phili	7.77	573	246	342.1	25.2	0.06	< 1	75.5	9.6	37.2	< 1	0.48	0.017	0.07	47.6	< 0.2	< 0.2
	07-Jun-04	Phili	7.85	595		309.5	28.8	0.03	< 1	66.7	7.7	34.6	0.9	0.54	0.011	0.15	47.5	< 0.2	< 0.2
	23-Aug-04	Phili	8	581	252	311.9	28.1	0.03	< 1	63.5	7.8	37.2	0.9	0.51	0.01	0.21	53.6	< 0.2	< 0.2
	02-Nov-04	Phili	8.18	594	242	310.7	31	0.02	< 1	65.2	7	35.9	0.8	0.47	0.009	0.18	50.2	< 0.2	< 0.2
	11-Apr-05	Phili	8.02	620	247	308.3	31.6	0.03	< 1	66.4	7.7	34.6	0.8	0.48	0.01	0.16	48.9	< 0.2	< 0.2
	21-Jun-05	MAX	8.12	608	248	307	27.7	0.07	< 1	121	14.9	63.7	1.7	0.78	0.016	0.21	47.1	< 0.1	< 0.1
	31-Aug-05	MAX	8.15	590	265	336	25	0.03	< 1	74	8.9	40		0.48	0.01	0.18	38	< 0.01	< 0.1
	15-Nov-05	MAX	8.21	519	248	320	32	0.03	< 1	65	9.2	41	0.93	0.49	0.01	0.12	45	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	636	267	350	31	0.03	< 1	73	9	41	0.98	0.55	0.01	0.19	38	< 0.01	< 0.1
	07-Jun-06	Maxx	8.2	634	265	340	32	0.03	< 1	71	9.8	40	0.95	0.5	0.009	0.22	52	< 0.01	< 0.1
	30-Aug-06	MAX	8	634	263	330	32	0.02	< 1	70	9	37	0.89	0.49	0.009	0.22	50	< 0.01	< 0.1
	24-Nov-06	MAX	8.2	650	267	350	32	0.03	< 1	72	9.4	42	1	0.57	0.01	0.38	50	< 0.01	< 0.1
	10-Apr-07	Maxx	8.2	665	255	360	34	0.03	< 1	75	11	43	0.98	0.52	0.01	0.23	51	< 0.01	< 0.1
	19-Jun-07	Maxx	8.3	643	255	330	36	0.03	< 1	70	9.2	37	1	0.47	0.009	0.2	52	< 0.01	< 0.1
	16-Aug-07	Maxx	8.4	641	250	330	38	0.04	< 1	69	9.7	39	0.88	0.48	0.009	0.2	58	< 0.01	< 0.1
	15-Nov-07	Maxx	8.2	644	245	310	36	0.03	< 1	65	9.1	35	0.91	0.5	0.01	0.21	49	< 0.01	< 0.1
Monitor 4-II Lower Till 13.6 -14.0 m	26-Apr-02	Phili	7.89	695	270	347	54.1	0.02	< 1	71.6	16.4	40.8	< 1	0.42	0.019	0.16	53	< 0.2	< 0.2
	12-Aug-02	Phili	8.05	639	250	332	40.3	0.02	< 1	69.3	13	38.5	1	0.6	0.022	0.17	45.7	< 0.2	0.2
	22-Apr-03	Phili	7.93	749	248	350.9	82.1	0.02	< 1	72.4	19.5	41.2	< 1	0.48	0.018	0.12	54.7	< 0.2	< 0.2
	02-Sep-03	Phili	8.04	627	242	330.3	36.6	0.02	< 1	68.7	11.7	38.5	1	0.7	0.021	0.18	51.5	< 0.2	< 0.2
	19-Apr-04	Phili	7.79	784	257	379.4	94.1	0.03	< 1	79.8	29.8	43.7	< 1	0.87	0.023	0.18	53	< 0.2	< 0.2
	23-Aug-04	Phili	7.95	810	253	376	108	0.02	< 1	77.7	27.9	44.1	1.1	0.95	0.025	0.21	55.7	< 0.2	< 0.2
	11-Apr-05	Phili	8.01	757	244	332	75.4	0.03	< 1	72	18.2	36.9	0.9	0.8	0.024	0.19	55.6	< 0.2	< 0.2
	31-Aug-05	MAX	8.1	666	268	352	47	0.02	< 1	76	16	41		0.65	0.023	0.18	53	< 0.01	< 0.1
	28-Apr-06	Maxx	8.2	854	269	400	112	0.02	< 1	85	35	46	1.2	0.95	0.025	0.35	41	< 0.01	< 0.1
	30-Aug-06	MAX	8.1	909	268	400	112	0.02	< 1	86	35	45	1.1	0.95	0.023	0.26	57	< 0.01	< 0.1
	10-Apr-07	Maxx	8.2	898	257	420	103	0.03	< 1	87	32	48	1.2	0.76	0.027	0.32	58	< 0.01	< 0.1
Monitor 4-IIR Lower Till 11.9 - 13.7 m	19-Jun-07	Maxx	8.2	778	274	370	47	0.02	< 1	80	23	40	1.5	0.92	0.022	0.31	77	< 0.01	< 0.1
	16-Aug-07	Maxx	8.4	755	267	370	57	0.03	< 1	77	19	44	1.6	0.93	0.017	0.29	82	< 0.01	< 0.1
	15-Nov-07	Maxx	8	755	264	410	48	0.03	< 1	85	18	47	1.6	1.2	0.019	0.34	68	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor

4-IIIR
Upper Till
1.1 - 4.1 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.36	7614	329	1460	2440	< 0.1	< 1	409	1100	108	< 10	< 0.1	< 0.05	< 0.03	65.1	< 2	6.2
19-Jun-02	Phili	7.5	7983	319	1560	2700	0.16	< 1	437	1210	115	< 10	< 0.1	< 0.05	< 0.03	70.9	< 0.2	1.7
12-Aug-02	Phili	7.28	8249	314	1560	2720	< 0.1	< 1	440	1330	112	< 10	< 0.1	< 0.05	< 0.03	69.3	< 20	0.2
04-Nov-02	Phili	7.47	7844	330	1460	2730	0.13	< 1	412	1390	104	< 10	< 0.1	< 0.05	< 0.03	71	< 5	5
22-Apr-03	Phili	7.26	8434	313	1518	2830	< 0.1	< 1	419	1340	113	< 10	< 0.1	< 0.05	0.17	74.6	< 2	6.3
23-Jun-03	Phili	7.53	9387	321	1512	3070	< 0.1	< 1	422	1420	111	< 10	0.15	< 0.05	< 0.03	84.5	< 2	0.5
02-Sep-03	Phili	7.43	8619	320	1457	2960	0.1	< 1	408	1460	105	< 10	< 0.1	< 0.05	< 0.03	82.1	< 2	3.9
03-Nov-03	Phili	7.37	7106	333	1264	2400	0.14	< 1	355	1220	91.3	2	< 0.01	0.082	< 0.03	74.6	< 2	2.3
19-Apr-04	Phili	7.28	8350	334	1315	2570	0.12	< 1	369	1420	95.3	2	< 0.01	0.006	< 0.03	81	< 2	4
07-Jun-04	Phili	7.36	8292		1099	2910	< 0.05	< 1	311	1320	78.2	2.4	0.36	< 0.05	< 0.03	85.1	< 2	6.7
23-Aug-04	Phili	7.55	6947	359	928.1	2350	< 0.05	< 1	266	1220	63.9	2.3	< 0.3	< 0.05	< 0.03	80.6	< 2	7
02-Nov-04	Phili	7.74	7232	357	812.3	2220	0.10	< 1	232	1050	56.5	1.8	< 0.3	< 0.05	< 0.03	77.2	< 2	6
11-Apr-05	Phili	7.52	7463	354	992.3	2250	0.13	< 1	283	1150	69.2	1.8	< 0.3	< 0.05	< 0.03	85.2	< 2	6.6
21-Jun-05	MAX	7.9	5900	372	608	1650	0.05	< 1	184	1090	46	1.8	< 0.05	< 0.002	< 0.05	79	< 10	8.6
31-Aug-05	MAX	7.95	5030	402	529	1470	0.03	< 1	150	970	36		< 0.001	0.004	0.06	63	< 0.01	7.9
15-Nov-05	MAX	7.95	4610	330	610	1520	< 0.1	< 1	220	900	57	< 2	< 0.5	< 0.02	< 0.05	56	< 0.01	2.8
28-Apr-06	Maxx	8	6030	333	890	1590	0.06	< 1	250	1100	65	1.8	< 0.3	< 0.01	0.07	61	< 0.01	6.5
07-Jun-06	Maxx	8.1	6070	373	810	1770	< 0.05	< 1	230	1100	59	1.9	< 0.3	< 0.01	0.07	73	< 0.01	8.5
30-Aug-06	MAX	7.9	5870	385	680	1680	0.03	< 1	190	1000	49	2	< 0.05	0.003	0.06	67	< 0.01	< 0.1
24-Nov-06	MAX	8	5540	390	760	1610	0.07	< 1	210	890	57	1.7	< 0.05	0.037	0.11	59	< 0.01	5.3
10-Apr-07	Maxx	8.1	5440	371	760	1540	0.09	< 1	210	970	57	1.6	< 0.05	< 0.002	0.13	64	< 0.01	5.9
19-Jun-07	Maxx	8	4480	351	460	1270	0.02	< 1	130	920	32	1.2	< 0.05	< 0.002	0.07	59	< 0.01	8.6
16-Aug-07	Maxx	8.1	4280	387	460	1180	0.02	< 1	130	870	33	1.8	< 0.05	< 0.002	< 0.05	63	< 0.01	8.5
15-Nov-07	Maxx	8.3	3980	408	380	995	0.02	< 1	110	760	26	1.4	< 0.1	< 0.002	< 0.05	57	< 0.01	8.9

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. as CaCO3 mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 5-II Upper Till 1.7 - 7.8 m	26-Apr-02	Phili	7.77	2880	360	566	770	< 0.01	< 1	148	411	47.3	< 1	< 0.01	< 0.005	< 0.03	27.5	< 0.2	0.2
	19-Jun-02	Phili	7.77	1864	380	428	421	0.01	< 1	109	257	37.3	1	< 0.01	< 0.005	< 0.03	32.1	< 0.2	< 0.2
	12-Aug-02	Phili	7.48	2071	376	440	512	< 0.01	< 1	115	289	37.1	< 1	< 0.01	< 0.005	< 0.03	33.8	< 0.2	0.2
	04-Nov-02	Phili	7.6	2600	365	521	805	0.01	< 1	135	506	44	1	< 0.01	< 0.005	< 0.03	27.4	< 4	0.5
	22-Apr-03	Phili	7.86	2247	348	426.2	549	< 0.01	< 1	109	340	36.7	< 1	< 0.01	< 0.005	< 0.03	26.4	< 0.2	0.3
	23-Jun-03	Phili	7.82	2140	394	371.7	493	0.01	1	96.6	320	31.6	1	0.03	< 0.005	< 0.03	30.8	< 0.2	0.2
	02-Sep-03	Phili	7.55	1981	398	324.8	470	0.01	< 1	84.9	324	27.3	< 1	< 0.01	< 0.005	< 0.03	32.7	< 0.2	0.2
	03-Nov-03	Phili	7.91	1947	401	332.1	537	0.02	< 5	87.5	354	27.5	< 1	< 0.01	< 0.005	< 0.03	29.4	< 0.2	0.3
	19-Apr-04	Phili	7.92	1883	356	291	456	< 0.01	< 1	76.5	319	24.2	1	< 0.01	< 0.005	< 0.03	25.5	< 0.2	< 0.2
	07-Jun-04	Phili	7.8	1845		289.2	408	0.01	< 1	76.6	286	23.7	0.8	< 0.03	< 0.005	< 0.03	26.4	< 0.2	< 0.2
	23-Aug-04	Phili	7.93	2119	355	326.8	523	0.008	< 1	88.8	330	25.5	0.8	< 0.03	< 0.005	< 0.03	23.8	< 0.2	0.2
	02-Nov-04	Phili	7.82	2556	358	371.6	638	0.006	< 1	98.1	374	30.7	1	< 0.03	< 0.005	< 0.03	25.5	< 0.2	< 0.2
	11-Apr-05	Phili	7.68	2267	365	308.8	539	0.01	< 1	82.2	339	25.1	0.6	< 0.03	< 0.005	< 0.03	25.4	< 0.2	< 0.2
	21-Jun-05	MAX	8.06	2170	356	322	499	0.03	2	83.8	344	26.5	0.7	< 0.05	< 0.002	0.15	22.4	< 1	0.1
	31-Aug-05	MAX	8.09	2380	392	332	566	0.01	< 1	82	380	25		< 0.05	< 0.002	< 0.05	29	< 0.01	0.1
	15-Nov-05	MAX	8.11	2370	350	320	601	0.01	< 1	96	480	33	0.96	< 0.05	< 0.002	< 0.05	26	< 0.01	0.3
	28-Apr-06	Maxx	8.2	2130	387	330	437	0.01	< 1	87	360	28	0.74	< 0.05	< 0.002	0.06	25	< 0.01	< 0.1
	07-Jun-06	Maxx	8.2	2100	381	310	439	0.01	< 1	81	350	27	0.69	< 0.05	< 0.002	< 0.05	26	< 0.01	< 0.1
	30-Aug-06	MAX	8.2	2100	387	340	485	0.01	< 1	90	330	27	0.93	< 0.05	0.005	0.16	23	0.07	0.1
	24-Nov-06	MAX	8.3	2300	383	340	535	0.01	< 1	89	360	28	0.94	< 0.05	< 0.002	0.09	22	< 0.01	< 0.1
	10-Apr-07	Maxx	8.2	1940	375	310	378	0.01	< 1	82	320	26	0.72	< 0.05	< 0.002	0.1	21	< 0.01	< 0.1
	18-Jun-07	Maxx	8.3	1770	353	290	368	0.01	< 1	75	260	24	0.73	< 0.05	< 0.002	0.07	21	< 0.01	0.1
	13-Aug-07	Maxx	8.3	2010	377	270	473	0.02	< 1	73	350	21	0.73	< 0.05	< 0.002	0.11	27	< 0.01	0.1
	13-Nov-07	Maxx	8	1970	410	260	380	0.02	< 1	69	340	22	0.87	< 0.1	0.002	< 0.05	26	< 0.01	0.1
Monitor 9A-I Bedrock 25.1 - 25.9 m	26-Apr-02	Phili	8.12	358	192	106	14.8	0.12	< 1	22.3	41	12.3	< 1	0.28	0.012	0.44	1.9	< 0.2	< 0.2
	12-Aug-02	Phili	8.09	347	176	107	15.4	0.11	< 1	22.4	40.7	12.4	< 1	0.31	0.012	0.4	2.3	< 0.2	< 0.2
	22-Apr-03	Phili	8.22	354	178	99.6	14.5	0.1	< 1	20.2	38.7	11.9	2	0.31	0.012	0.44	2.2	< 0.2	< 0.2
	02-Sep-03	Phili	8.15	338	170	103.3	10.5	0.12	< 1	21.4	39.4	12	< 1	0.31	0.013	0.51	2.5	< 0.2	< 0.2
	19-Apr-04	Phili	8.25	334	173	103.8	11.4	0.13	< 1	21.6	40.3	12	< 1	0.25	0.011	0.41	1.6	< 0.2	< 0.2
	23-Aug-04	Phili	8.29	340	170	99.5	15.4	0.11	< 1	21.6	37.6	11	0.8	0.35	0.012	0.51	2.9	< 0.2	< 0.2
	11-Apr-05	Phili	8.24	367	168	97.2	13.3	0.12	1	21.2	37.1	10.7	0.8	0.23	0.01	0.49	3.7	< 0.2	< 0.2
	31-Aug-05	MAX	8.19	347	184	109	10	0.11	1	24	43	13		0.28	0.012	0.42	11	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	353	185	100	12	0.11	< 1	22	38	12	0.83	0.24	0.012	0.49	3	< 0.01	< 0.1
	30-Aug-06	MAX	8.3	351	186	120	13	0.13	< 1	25	44	13	0.86	0.31	0.013	0.48	4	< 0.01	< 0.1
	11-Apr-07	Maxx	8.3	370	179	120	13	0.13	< 1	24	46	14	1	0.29	0.014	0.54	4	< 0.01	< 0.1
	15-Aug-07	Maxx	8.4	364	178	91	12	0.08	< 1	19	36	11	0.75	0.22	0.011	0.48	5	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

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C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 9-I Outwash 5.5 - 6.8 m	26-Apr-02	Phili	7.59	582	260	315	10.5	0.02	< 1	78.3	4.6	28.9	< 1	0.02	0.039	0.03	36.3	< 0.2	9.2
	12-Aug-02	Phili	7.71	577	244	319	9.9	0.02	< 1	79.5	4.2	29.3	< 1	< 0.01	0.026	< 0.03	42.2	< 0.2	10.1
	22-Apr-03	Phili	7.6	590	244	305.5	10.3	0.02	< 1	75.3	4.2	28.4	< 1	< 0.01	0.045	< 0.03	49.8	< 0.2	5.6
	02-Sep-03	Phili	7.74	563	242	308.7	8	0.03	< 1	76.4	4.3	28.5	< 1	< 0.01	0.045	< 0.03	46.7	< 0.2	5.8
	19-Apr-04	Phili	7.9	532	227	293.2	7.4	0.02	< 1	73.2	4	26.8	< 1	< 0.01	0.011	< 0.03	35.6	< 0.2	8.7
	23-Aug-04	Phili	7.96	551	231	290.7	6.8	0.01	1	74.7	3.5	25.2	0.7	< 0.03	0.018	< 0.03	39.4	< 0.2	10.1
	11-Apr-05	Phili	7.73	565	224	280.6	7	0.02	< 1	71.3	3.7	24.9	0.8	< 0.03	0.013	< 0.03	37.4	< 0.2	7.8
	31-Aug-05	MAX	8.03	541	249	318	6	0.03	< 1	82	4.2	29		< 0.05	0.087	< 0.05	46	0.04	5.9
	28-Apr-06	Maxx	8.2	610	277	350	10	0.04	< 1	90	6	31	1	< 0.05	0.057	0.08	60	< 0.01	< 0.1
	30-Aug-06	MAX	8	639	287	380	17	0.07	< 1	92	12	37	1.1	< 0.05	0.097	< 0.05	69	< 0.01	< 0.1
	11-Apr-07	Maxx	8.1	703	289	390	16	0.12	< 1	97	14	35	1.2	< 0.05	0.078	0.08	76	< 0.01	< 0.1
	15-Aug-07	Maxx	8.4	720	280	390	25	0.15	< 1	97	19	36	1.3	< 0.05	0.11	0.12	99	< 0.01	< 0.1
Monitor 10-II Outwash 3.0 - 3.6 m	26-Apr-02	Phili	7.62	2157	339	668	555	< 0.01	< 1	163	176	63.2	2	0.37	0.273	1.04	9.6	< 0.2	0.5
	19-Jun-02	Phili	7.44	1956	318	672	518	0.03	< 1	163	170	64	2	3.28	0.194	1.82	8.6	< 0.2	< 0.2
	12-Aug-02	Phili	7.47	2073	319	682	572	0.02	< 1	168	180	63.7	2	2.73	0.192	2.14	9.8	< 0.2	< 0.2
	04-Nov-02	N/S																	
	22-Apr-03	Phili	7.43	2348	293	766.6	611	0.02	< 1	196	195	67	2	0.62	0.274	1.35	11.4	< 0.2	0.3
	23-Jun-03	Phili	7.55	2363	308	710.9	574	0.02	< 1	173	195	67.1	2	1.37	0.234	2.05	12.2	< 0.2	< 0.2
	02-Sep-03	Phili	7.5	2151	306	738.7	571	0.03	< 1	183	183	67.9	2	1.86	0.2	2.13	13.4	0.2	< 0.2
	03-Nov-03	Phili	7.63	2037	304	738.1	689	0.02	< 1	181	198	68.9	2	1.91	0.21	2.05	13.3	< 0.2	0.3
	19-Apr-04	Phili	7.61	2284	300	741	662	0.02	< 1	180	202	70.7	2	0.15	0.3	1.43	16.6	< 0.2	0.5
	07-Jun-04	Phili	7.46	2472		736.9	703	0.02	< 1	183	198	67.7	1.8	2.73	0.229	2.26	15.6	< 0.2	< 0.2
	23-Aug-04	Phili	7.73	2348	295	730.4	669	0.02	< 1	185	182	64.7	2.1	4.98	0.198	2.57	15.1	< 0.2	< 0.2
	02-Nov-04	Phili	7.38	2514	311	778.3	688	0.02	< 1	190	182	73.7	2.2	14	0.215	3.17	8.5	< 0.2	< 0.2
	11-Apr-05	Phili	7.49	2777	297	773.4	768	0.03	< 1	189	214	72.9	1.9	1.28	0.369	1.81	19.2	< 0.2	0.4
	21-Jun-05	MAX	7.95	2650	304	792	728	0.02	< 1	202	226	78.8	2	3.81	0.209	2.26	17.6	< 5	0.2
	31-Aug-05	INV																	
	15-Nov-05	INV																	
	28-Apr-06	INV																	
	07-Jun-06	INV																	
	30-Aug-06	INV																	
	24-Nov-06	MAX	8.1	3230	326	960	860	0.03	< 1	240	300	90	2.8	0.97	0.32	2.38	22	< 0.01	0.3
	11-Apr-07	Maxx	8	3250	302	990	891	0.03	< 1	240	340	94	2.3	0.58	0.36	1.47	27	< 0.01	0.4
	19-Jun-07	Maxx	8	2970	303	910	819	0.03	1	230	280	80	2	5.9	0.26	2.39	24	0.01	< 0.1
	13-Aug-07	Maxx	8.1	2970	296	950	856	0.03	< 1	230	300	93	2.4	1.5	0.24	2.61	26	0.02	< 0.1
	14-Nov-07	Maxx	8	3150	306	880	841	0.03	< 1	220	250	80	2.1	6	0.24	3.06	21	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor

10-III
Outwash/Peat
0.3 - 1.5 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.42	5270	375	806	1540	< 0.1	< 1	250	894	43.8	< 10	0.23	0.689	0.49	40	< 2	0.5
19-Jun-02	Phili	7.36	3373	444	518	990	0.05	2	163	694	26.8	3	0.97	0.596	0.6	14.7	< 0.2	0.2
12-Aug-02	Dry																	
04-Nov-02	INSV																	
22-Apr-03	Phili	7.39	4237	242	523.3	1190	< 0.1	< 1	163	766	28.1	< 10	< 0.1	0.097	0.18	44.8	< 2	0.8
23-Jun-03	Phili	7.73	5431	403	601	1680	0.06	< 1	188	981	31.3	2	1.93	0.833	0.44	12.2	< 2	< 0.2
02-Sep-03	INSV																	
03-Nov-03	Phili	7.55	5516	356	579.3	1900	0.11	< 1	180	1030	31.2	1	0.26	0.026	0.06	58.7	2	0.9
19-Apr-04	Phili	7.64	3762	365	443.6	1190	0.03	< 1	139	765	23.4	2	1.26	0.494	0.67	24	< 1	< 0.2
07-Jun-04	Phili	7.39	5647		670.4	1810	< 0.05	< 1	213	1030	33.4	2.4	3.7	0.991	1.1	20.8	< 2	< 0.2
23-Aug-04	Phili	7.69	5273	602	618.9	1520	< 0.05	1	197	950	30.3	2	1.65	0.418	0.57	15.8	< 2	0.2
02-Nov-04	Phili	7.68	5878	618	585.7	1680	0.03	< 1	185	923	30	2.1	1.25	0.473	1.09	15.7	< 2	0.2
11-Apr-05	Phili	7.49	3105	358	398	744	0.04	< 1	118	459	25	1.7	2.62	0.409	1	15	< 0.2	0.8
21-Jun-05	MAX	7.98	4530	491	515	1370	< 0.1	< 1	187	730	25	2	3.6	0.97	1.12	4.7	< 2.5	< 0.1
31-Aug-05	MAX	7.98	4130	434	348	1160	0.06	7	140	830	22		4	0.4	2.76	30	0.01	0.3
15-Nov-05	MAX	7.87	4560	371	520	1500	0.06	< 1	170	990	29	1.1	1.5	0.16	0.69	75	< 0.01	< 0.1
28-Apr-06	Maxx	8.1	3320	369	470	827	0.04	< 1	150	810	25	1.6	2.9	0.49	0.81	23	< 0.01	< 0.1
07-Jun-06	Maxx	8	3470	435	420	883	0.04	< 1	130	720	23	1.8	2.9	0.47	0.71	15	< 0.01	< 0.1
30-Aug-06	MAX	7.9	4530	563	570	1260	0.06	< 1	180	1100	33	2.5	5.4	0.56	1.74	15	< 0.01	< 0.1
24-Nov-06	MAX	8.2	3270	507	360	782	0.04	< 1	110	540	19	1.4	3.1	0.59	0.97	10	< 0.01	< 0.1
11-Apr-07	Maxx	8.1	3270	454	440	808	0.03	2	140	690	24	1.7	5.6	0.5	1.8	8	< 0.1	< 1
19-Jun-07	Maxx	8	3360	464	490	850	0.03	< 1	150	700	27	2	6.1	0.66	1.38	7	< 0.01	< 0.1
13-Aug-07	Dry																	
14-Nov-07	INV																	

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 11-I Upper Till 4.6 - 5.8 m	26-Apr-02	Phili	7.8	1964	350	447	462	< 0.01	< 1	83.3	239	57.9	2	< 0.01	< 0.005	< 0.03	45	< 0.2	< 0.2
	19-Jun-02	Phili	7.9	1826	322	435	449	0.03	< 1	82	235	55.9	2	< 0.01	< 0.005	< 0.03	45.6	< 0.2	0.5
	12-Aug-02	Phili	7.64	1870	317	443	456	0.03	< 1	82	239	57.9	1	< 0.01	< 0.005	< 0.03	43.1	< 0.2	< 0.2
	04-Nov-02	Phili	7.71	1797	321	482	456	0.04	< 1	91.1	246	61.7	2	0.01	< 0.005	< 0.03	4.6	< 2	< 0.2
	22-Apr-03	Phili	7.81	1990	317	430.4	473	0.03	< 1	79.9	231	56	1	< 0.01	< 0.005	< 0.03	46.9	< 0.2	< 0.2
	23-Jun-03	Phili	7.88	1938	328	423.6	454	0.03	< 1	75.8	238	56.8	1	< 0.01	< 0.005	0.05	46.3	< 0.2	< 0.2
	02-Sep-03	Phili	7.7	1831	313	437.3	414	0.04	< 1	81.2	233	56.8	2	0.01	< 0.005	< 0.03	49.5	< 0.2	< 0.2
	03-Nov-03	Phili	7.79	1711	327	434.8	473	0.04	< 1	81.1	238	56.3	2	< 0.01	< 0.005	0.03	49.3	< 0.2	< 0.2
	19-Apr-04	Phili	7.86	1666	330	393	377	0.03	< 1	74	218	50.5	2	< 0.01	< 0.005	< 0.03	48.4	< 0.2	0.2
	07-Jun-04	Phili	7.84	1808		397.4	419	0.04	< 1	75.7	228	50.6	1.5	< 0.03	< 0.005	< 0.03	49.5	< 0.2	< 0.2
	23-Aug-04	Phili	7.92	1762	319	377.7	408	0.03	1	73.6	215	47	1.4	< 0.03	< 0.005	< 0.03	50.8	< 0.2	0.2
	02-Nov-04	Phili	7.79	1841	326	429.6	434	0.03	< 1	79.3	215	56.2	1.5	< 0.03	0.012	< 0.03	52.8	< 0.2	< 0.2
	11-Apr-05	Phili	7.64	1768	338	359.3	363	0.04	< 1	71.1	204	44.1	1.3	< 0.03	< 0.005	< 0.03	45	< 0.2	0.3
	21-Jun-05	MAX	8.16	1740	338	394	386	0.04	1	74.1	241	51.5	1.6	< 0.05	< 0.002	0.13	59.5	< 1	0.1
	31-Aug-05	MAX	8.04	1720	355	398	339	0.04	< 1	70	230	50		< 0.05	0.02	< 0.05	45	< 0.01	< 0.1
	15-Nov-05	MAX	8.1	1580	347	360	351	0.04	< 1	76	250	53	1.7	0.059	< 0.002	< 0.05	54	< 0.01	< 0.1
	28-Apr-06	Maxx	8.2	1590	371	360	269	0.04	< 1	68	230	46	1.5	< 0.05	< 0.002	< 0.05	54	< 0.01	0.2
	07-Jun-06	Maxx	8.2	1650	366	360	296	0.04	< 1	68	230	47	1.5	< 0.05	< 0.002	0.12	54	< 0.01	< 0.1
	30-Aug-06	MAX	8.1	1650	368	410	325	0.04	< 1	74	280	55	1.6	< 0.05	< 0.002	0.05	54	< 0.01	< 0.1
	24-Nov-06	MAX	8.2	1670	378	360	289	0.04	< 1	69	230	46	1.7	< 0.05	< 0.002	0.12	53	< 0.01	0.1
	10-Apr-07	Maxx	8.2	1630	361	380	284	0.04	< 1	7	240	49	1.6	< 0.05	< 0.002	0.11	54	< 0.01	< 0.1
	18-Jun-07	Maxx	8.4	1600	359	330	291	0.04	< 1	64	220	43	1.5	< 0.05	< 0.002	0.07	56	< 0.01	< 0.1
	13-Aug-07	Maxx	8.4	1580	351	360	287	0.05	< 1	65	230	47	1.6	< 0.05	< 0.002	0.09	55	< 0.01	< 0.1
	14-Nov-07	Maxx	8.3	1620	347	360	286	0.04	< 1	67	240	48	1.7	< 0.1	< 0.002	< 0.05	53	< 0.01	< 0.1
Monitor 11-II Outwash 0.2 - 2.9 m	26-Apr-02	Phili	7.57	1050	324	299	133	0.06	< 1	92.7	95.8	16.4	1	< 0.01	< 0.005	< 0.03	26.5	< 0.2	6.6
	22-Apr-03	Phili	7.58	990	290	314.8	108	0.06	< 1	97.8	70.5	17	< 1	< 0.01	< 0.005	0.09	25.1	< 0.2	11.4
	02-Sep-03	INV																	
	19-Apr-04	Phili	7.71	760	284	272.6	51	0.06	< 1	84.7	64.7	14.8	2	< 0.01	< 0.005	0.06	27.8	< 0.2	10.8
	23-Aug-04	Phili	7.9	921	323	247.3	99.4	0.05	< 1	76.4	111	13.7	2.2	0.04	0.098	0.1	31.6	< 0.2	3.1
	11-Apr-05	Phili	7.3	657	296	301	16.8	0.06	< 1	98.8	17.3	13.1	0.2	< 0.03	< 0.005	< 0.03	19	< 0.2	5.7
	31-Aug-05	MAX				252	84	0.04	< 1	69	110	15		< 0.05	< 0.002	< 0.05	30	< 0.01	2.5
	28-Apr-06	Maxx	8.2	606	318	320	7	0.08	< 1	100	18	16	0.34	< 0.05	< 0.002	< 0.05	13	< 0.01	3
	30-Aug-06	MAX	8	768	363	260	43	0.05	< 1	78	87	16	2.3	< 0.05	0.19	0.18	22	< 0.01	0.9
	10-Apr-07	Maxx	8	686	331	330	10	0.07	< 1	100	27	18	0.43	< 0.05	0.003	0.09	17	< 0.01	3.9
	13-Aug-07	Dry																	

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 11-III Lower Till 18.5 - 17.0 m	26-Apr-02	Phili	8.18	285	152	55	5.6	0.51	< 1	13.4	44.2	5.21	1	0.01	0.016	0.2	5.9	< 0.2	< 0.2
	12-Aug-02	Phili	8.05	277	148	62	4.4	0.32	< 1	14.9	42.7	5.95	< 1	< 0.01	0.017	0.22	5.1	< 0.2	< 0.2
	22-Apr-03	Phili	8.22	278	135	61.4	4.8	0.27	< 1	15.1	39.7	5.74	< 1	0.02	0.022	0.23	7.8	< 0.2	< 0.2
	02-Sep-03	Phili	8.11	259	130	67.5	3.6	0.26	< 1	17.7	38.4	5.61	< 1	0.01	0.019	0.2	5.1	< 0.2	< 0.2
	19-Apr-04	Phili	8.24	257	133	60.5	3.8	0.25	< 1	14.5	42	5.86	1	0.13	0.048	0.23	4.4	< 0.2	< 0.2
	23-Aug-04	Phili	8.27	260	145	60.6	3.4	0.24	< 1	15.5	37.9	5.29	0.8	0.05	0.021	0.29	3.7	< 0.2	< 0.2
	11-Apr-05	Phili	8.13	293	148	62.1	4.5	0.25	1	15.8	38.4	5.52	0.8	< 0.03	0.019	0.2	4.6	< 0.2	< 0.2
	31-Aug-05	MAX	8.2	278	160	68.4	4	0.24	< 1	19	42	6.8		0.23	0.025	0.26	6	0.02	< 0.1
	28-Apr-06	Maxx	8.3	298	160	75	4	0.24	< 1	18	43	7.2	1.1	< 0.05	0.014	0.22	6	0.02	0.2
	30-Aug-06	MAX	8.2	299	162	80	4	0.22	< 1	19	50	7.8	1.2	0.07	0.022	0.2	7	0.02	0.2
	10-Apr-07	Maxx	8.3	309	153	76	5	0.23	2	18	47	7.4	1.1	< 0.05	0.009	0.23	7	0.02	0.2
	14-Aug-07	Maxx	8.3	294	152	70	5	0.26	< 1	17	44	6.9	1	< 0.05	0.018	0.32	7	< 0.01	< 0.1
Monitor 13-I Bedrock 24.4 - 25.6 m	26-Apr-02	Phili	8.11	279	169	75.5	0.9	0.1	< 1	17.2	37.1	7.85	1	0.12	0.007	0.32	0.5	< 0.2	< 0.2
	12-Aug-02	Phili	8.1	274	156	78.6	0.9	0.1	< 1	18.3	35.5	7.96	< 1	0.14	0.006	0.31	0.5	< 0.2	< 0.2
	22-Apr-03	Phili	8.15	277	170	81.4	0.8	0.09	< 1	19.1	32.6	8.12	< 1	0.14	0.008	0.32	0.5	< 0.2	< 0.2
	02-Sep-03	Phili	8.12	264	134	79.8	1.3	0.1	< 1	18.5	33.5	8.11	1	0.14	0.008	0.34	0.5	< 0.2	< 0.2
	19-Apr-04	Phili	8.21	261	153	74.1	0.8	0.1	< 1	16.7	33.4	7.85	1	0.13	0.006	0.35	0.6	< 0.2	< 0.2
	23-Aug-04	Phili	8.26	269	146	72.6	0.9	0.09	< 1	17.2	32.4	7.22	0.7	0.16	0.006	0.38	0.6	< 0.2	< 0.2
	11-Apr-05	Phili	8.14	292	151	72.7	0.7	0.10	< 1	17.3	35.1	7.17	0.7	0.13	0.006	0.41	0.5	< 0.2	< 0.2
	31-Aug-05	MAX	8.28	271	164	82.3	2	0.09	< 1	19	38	8.8		0.18	0.006	0.49	1	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	281	164	78	1	0.11	< 1	18	38	7.9	0.87	0.12	0.005	0.39	1	< 0.01	< 0.1
	30-Aug-06	MAX	8.2	281	163	79	< 1	0.1	< 1	18	35	8.1	0.83	0.15	0.006	0.44	1	< 0.01	< 0.1
	11-Apr-07	Maxx	8.3	294	158	83	2	0.11	< 1	19	38	8.6	0.92	0.16	0.006	0.44	1	< 0.01	< 0.1
	14-Aug-07	Maxx	8.5	290	157	79	2	0.1	< 1	18	36	8.4	0.89	0.13	0.006	0.62	1	< 0.01	< 0.1
Monitor 13-II Lower Till 19.5 - 20.1 m	26-Apr-02	Phili	8.19	303	149	32.5	5.3	0.09	< 1	9.74	57.6	1.99	< 1	< 0.01	< 0.005	0.16	13.3	< 0.2	< 0.2
	12-Aug-02	Phili	8.18	318	150	54	5.7	0.1	< 1	17.3	60.5	2.58	< 1	< 0.01	0.045	< 0.03	14.8	< 0.2	< 0.2
	22-Apr-03	Phili	8.39	300	136	39	4.7	0.09	< 1	12.2	50.6	2.01	< 1	0.01	0.031	< 0.03	11.6	< 0.2	< 0.2
	02-Sep-03	Phili	8.02	315	157	55.3	4.1	0.09	< 1	17.7	53	2.65	< 1	< 0.01	0.053	0.05	8.1	< 0.2	< 0.2
	19-Apr-04	Phili	8.13	304	158	54.2	3.8	0.1	< 1	17.4	51.5	2.56	1	< 0.01	0.061	0.18	9.5	< 0.2	< 0.2
	23-Aug-04	Phili	8.15	282	169	49.5	3.7	0.09	< 1	15.9	49.9	2.4	0.4	< 0.03	0.047	0.1	6	< 0.2	< 0.2
	11-Apr-05	Phili	8.1	325	152	54.2	3.9	0.10	< 1	17.6	53.3	2.5	0.4	< 0.03	0.066	< 0.03	7.1	< 0.2	< 0.2
	31-Aug-05	MAX	8.28	311	172	56.8	3	0.09	< 1	19	61	3.1		< 0.05	0.074	< 0.05	6	< 0.01	< 0.1
	28-Apr-06	Maxx	8.4	295	152	61	4	0.11	< 1	20	55	2.9	0.59	< 0.05	0.06	< 0.05	6	< 0.01	< 0.1
	30-Aug-06	MAX	8.6	272	145	44	3	0.09	< 1	14	62	2.5	0.56	< 0.05	0.024	0.21	5	< 0.01	< 0.1
	11-Apr-07	Maxx	8.3	321	159	70	5	0.11	< 1	22	65	3.5	0.62	< 0.05	0.069	0.11	7	< 0.01	< 0.1
	14-Aug-07	Maxx	8.3	336	168	66	5	0.11	< 1	21	58	3.3	0.73	< 0.05	0.056	0.12	6	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
13-III
Upper Till
7.6 - 8.8 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	8.11	324	184	126	2.3	0.07	< 1	23.2	24.9	16.5	< 1	< 0.01	< 0.005	< 0.03	5	< 0.2	0.2
19-Jun-02	Phili	8.13	311	177	147	2.4	0.09	< 1	31.4	25	16.8	1	0.02	0.009	< 0.03	3.9	< 0.2	< 0.2
12-Aug-02	Phili	8.05	308	176	123	2.2	0.08	< 1	22.8	23.6	16.1	< 1	< 0.01	< 0.005	< 0.03	3.8	< 0.2	0.2
04-Nov-02	Phili	8.05	305	175	127	2.4	0.08	< 1	23.4	24.6	16.8	2	< 0.01	< 0.005	< 0.03	3.9	< 0.2	0.2
22-Apr-03	Phili	8.06	318	166	120.3	2	0.08	< 1	21.8	23.4	15.9	< 1	< 0.01	< 0.005	< 0.03	4.5	< 0.2	0.2
23-Jun-03	Phili	8.13	314	165	147.3	2	0.09	< 1	32.2	24.5	16.2	1	0.06	0.016	< 0.03	4	< 0.2	< 0.2
02-Sep-03	Phili	8.06	301	173	126.7	2.3	0.08	< 1	24.3	23.2	16	< 1	0.01	0.006	< 0.03	3.6	0.3	< 0.2
03-Nov-03	Phili	8.16	285	169	123.5	2	0.09	< 1	22.8	24.2	16.1	< 1	0.01	0.006	< 0.03	3.2	< 0.2	0.2
19-Apr-04	Phili	8.16	293	169	121.1	1.6	0.09	1	22.2	23.2	15.9	2	< 0.01	< 0.005	0.03	4.3	< 0.2	< 0.2
07-Jun-04	Phili	8.17	315		120.4	2.5	0.08	< 1	22.7	23.4	15.4	0.9	< 0.03	0.007	< 0.03	4.5	< 0.2	< 0.2
23-Aug-04	Phili	8.24	307	175	117.3	2.2	0.07	< 1	22.7	22.7	14.7	0.7	< 0.03	0.006	0.03	4.3	< 0.2	0.3
02-Nov-04	Phili	8.25	311	170	121.9	2.2	0.06	< 1	22.6	21.1	15.8	0.8	< 0.03	0.008	0.06	4.4	< 0.2	0.2
11-Apr-05	Phili	8.09	326	166	151.7	4.4	0.09	< 1	33.9	23.4	16.2	0.8	0.38	0.035	0.06	6.3	< 0.2	0.4
21-Jun-05	MAX	8.28	314	170	123	3.59	0.09	< 1	24.5	25.9	16.4	1	< 0.05	0.005	0.07	3.6	< 0.1	0.2
31-Aug-05	MAX	8.28	310	181	132	2	0.09	< 1	23	24	17		< 0.05	0.003	< 0.05	8	< 0.01	0.1
15-Nov-05	MAX	8.21	269	171	120	3	0.08	< 1	24	24	16	0.89	< 0.05	0.007	0.1	3	< 0.01	0.2
28-Apr-06	Maxx	8.3	317	181	130	2	0.09	< 1	24	25	17	0.86	< 0.05	0.002	0.06	4	< 0.01	0.1
07-Jun-06	Maxx	8.2	324	180	130	2	0.08	< 1	24	24	16	0.78	< 0.05	0.006	< 0.05	5	< 0.01	0.2
30-Aug-06	MAX	8.3	321	183	130	3	0.09	< 1	24	25	17	0.97	< 0.05	0.005	0.06	5	< 0.01	0.1
24-Nov-06	MAX	8.3	324	182	120	2	0.09	< 1	22	24	16	0.81	< 0.05	0.004	0.11	4	< 0.01	0.2
11-Apr-07	Maxx	8.2	325	173	140	3	0.09	< 1	25	26	19	0.91	< 0.05	< 0.002	0.1	6	< 0.01	0.2
18-Jun-07	Maxx	8.2	319	172	130	3	0.08	< 1	24	26	18	0.9	< 0.05	0.003	0.2	6	< 0.01	0.1
14-Aug-07	Maxx	8.3	321	168	130	3	0.09	< 1	24	27	18	0.97	< 0.05	0.002	0.06	4	< 0.01	0.2
14-Nov-07	Maxx	8.2	314	166	120	2	0.08	< 1	21	21	15	0.73	< 0.1	< 0.002	< 0.05	4	< 0.01	0.2

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
13-IV
Outwash
4.1 - 5.3 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.32	6621	468	1120	1980	< 0.1	< 1	311	1070	84.7	< 10	13.2	0.273	4.08	45.4	< 0.2	< 0.2
19-Jun-02	Phili	7.18	6214	437	1020	1930	< 0.1	< 1	284	1020	77	< 10	12.9	0.265	3.99	53.6	< 0.2	< 0.2
12-Aug-02	Phili	7.2	6206	474	1050	1880	< 0.1	< 1	292	1040	77.9	< 10	13.1	0.277	4.11	41.5	< 2	< 0.2
04-Nov-02	Phili	7.1	7445	439	1280	2500	< 0.1	< 1	361	1280	93.3	< 10	15.3	0.356	4.41	28.7	< 4	< 0.2
22-Apr-03	Phili	7.01	7370	460	1094	2330	< 0.1	< 1	304	1240	80.7	< 10	11.5	0.287	3.93	32.3	< 2	< 0.2
23-Jun-03	Phili	7.41	7076	488	961.8	2180	0.03	< 1	273	1160	67.9	3	12.6	0.254	3.82	39.1	< 2	0.2
02-Sep-03	Phili	7.28	5432	461	615.6	1530	0.03	< 1	174	896	43.5	2	7.5	0.165	3.42	38.5	< 0.2	< 0.2
03-Nov-03	Phili	7.39	5756	469	726.2	1960	0.03	< 1	206	1240	51.4	3	6.68	0.192	3.5	32	< 2	< 0.2
19-Apr-04	Phili	7.51	5548	485	704.5	1610	0.03	1	200	1010	49.3	3	7.21	0.192	3.86	33	< 1	< 0.2
07-Jun-04	Phili	7.28	5569		752.7	1860	< 0.05	< 1	215	895	52	2.7	8.85	0.196	3.52	35.6	< 2	< 0.2
23-Aug-04	Phili	7.6	5176	143	707.8	1550	< 0.05	< 1	206	828	46.6	2.5	8.27	0.188	3.78	36.9	< 2	< 0.2
02-Nov-04	Phili	7.94	4858	454	616.2	1420	0.02	< 1	176	684	42.8	2.5	7.02	0.173	3.52	38.9	< 2	< 0.2
11-Apr-05	Phili	7.19	8286	481	1077	2530	< 0.05	< 1	318	1260	68.7	3.2	13.6	0.323	4.62	20.6	< 2	< 0.2
21-Jun-05	MAX	7.92	7760	518	954	2600	< 0.1	< 1	313	1220	59.1	3	11.2	0.3	4.54	18.1	< 10	< 0.1
31-Aug-05	MAX	7.8	7460	537	982	2450	0.03	< 1	290	1400	67		13	0.28	4.48	7	0.05	< 0.1
15-Nov-05	MAX	7.83	7750	510	1200	2720	< 0.1	< 1	390	1500	82	3.5	17	0.37	6.4	18	< 0.01	< 0.1
28-Apr-06	Maxx	8	8660	567	1100	2280	< 0.05	< 1	340	1600	73	4.4	16	0.3	3.93	10	< 0.01	< 0.1
07-Jun-06	Maxx	7.9	7690	567	920	2300	0.03	< 1	270	1400	59	3.4	14	0.27	4.87	8	< 0.01	< 0.1
30-Aug-06	MAX	7.7	6660	536	830	2060	< 0.05	< 1	240	1200	55	3.3	11	0.24	4.9	18	< 0.01	< 0.1
24-Nov-06	MAX	7.9	8700	529	1200	2780	< 0.05	< 1	350	1500	80	4.2	12	0.37	8.1	16	< 0.01	< 0.1
11-Apr-07	Maxx	7.9	8640	568	1100	2700	< 0.05	2	310	1600	72	4	0.3	0.31	6.5	10	< 0.01	< 0.1
18-Jun-07	Maxx	8.1	7300	524	940	2140	< 0.05	2	280	1400	60	3.6	14	0.27	4.99	14	< 0.01	< 0.1
14-Aug-07	Maxx	8	6710	540	910	2260	< 0.05	< 1	270	1400	61	3.9	13	0.29	6.3	11	< 0.01	< 0.1
14-Nov-07	Maxx	7.9	6810	507	760	1990	< 0.05	< 1	220	1100	51	3.4	12	0.26	6.4	15	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
13-V
Outwash
0.1 - 2.2 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.83	628	370	335	7.8	0.02	< 1	102	12.4	19.1	1	0.02	< 0.005	< 0.03	9.2	< 0.2	< 0.2
22-Apr-03	Phili	7.76	606	302	313.7	16.9	0.02	< 1	96.7	10.6	17.4	< 1	0.02	0.007	< 0.03	18	< 0.2	< 0.2
23-Jun-03	INV																	
02-Sep-03	INV																	
03-Nov-03	Phili	7.84	542	293	297.8	9.1	0.03	< 5	95.7	8.7	14.2	< 1	0.03	< 0.005	0.04	13.9	< 0.2	< 0.2
19-Apr-04	Phili	8	520	275	293.7	12.2	0.02	< 1	92.7	8.2	15	1	< 0.01	< 0.005	0.03	9.2	< 0.2	< 0.2
07-Jun-04	Phili	7.26	982		539.3	6.1	0.05	< 1	172	12.2	26.4	0.2	9.43	0.269	0.03	0.5	< 0.2	< 0.2
23-Aug-04	INV																	
02-Nov-04	INV																	
11-Apr-05	Phili	7.7	644	326	313.9	14.5	0.02	< 1	99.8	8	15.7	< 0.1	< 0.03	< 0.005	0.07	10.7	< 0.2	< 0.2
21-Jun-05	INV																	
31-Aug-05	INV																	
15-Nov-05	MAX	8.19	395	236	230	10	0.03	< 1	82	9.9	13	0.69	< 0.05	< 0.002	< 0.05	14	< 0.01	< 0.1
28-Apr-06	Maxx	8.3	394	214	220	4	0.04	< 1	72	4.7	9.4	0.84	< 0.05	< 0.002	0.14	5	< 0.01	< 0.1
07-Jun-06	Maxx	8.1	725	435	410	3	0.05	< 1	130	12	20	0.43	0.48	0.14	< 0.05	2	< 0.01	< 0.1
30-Aug-06	MAX	8	928	595	600	3	0.08	< 1	190	16	31	< 0.2	4.7	0.2	0.07	1	< 0.01	< 0.1
24-Nov-06	MAX	8	662	378	350	3	0.02	< 1	110	7.5	18	0.21	< 0.05	< 0.002	0.09	10	< 0.01	< 0.1
11-Apr-07	Maxx	8.2	631	329	370	11	0.02	< 1	120	7.3	19	0.42	< 0.05	< 0.002	0.05	12	< 0.01	< 0.1
18-Jun-07	Maxx	8.1	790	474	490	2	0.05	< 1	160	9.4	23	< 0.2	0.19	0.028	0.09	1	< 0.01	< 0.1
14-Aug-07	INV																	
14-Nov-07	INV																	

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
14-II
Outwash
4.5 - 5.1 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.41	1685	645	807	260	0.08	< 1	190	60.8	80.1	4	3.61	0.219	1.68	23.5	< 0.2	< 0.2
19-Jun-02	Phili	7.36	1577	538	808	231	0.1	< 1	193	59.6	79	4	3.33	0.178	1.69	45.1	< 0.2	0.4
12-Aug-02	Phili	7.38	1522	514	777	212	0.11	< 1	185	57.3	75.7	3	2.85	0.164	1.83	66.4	< 0.2	< 0.2
04-Nov-02	Phili	7.21	1486	508	804	228	0.11	< 1	191	57.1	78.8	4	1.97	0.157	1.95	73.8	< 0.2	< 0.2
22-Apr-03	Phili	7.26	1855	574	898.8	311	0.09	< 1	221	62.7	83.8	3	0.48	0.246	1.4	54.4	< 0.2	< 0.2
23-Jun-03	Phili	7.53	1937	572	919	353	0.1	< 1	218	69.6	90.8	3	3.9	0.198	1.77	44.3	< 0.2	< 0.2
02-Sep-03	Phili	7.22	1761	553	859.5	308	0.11	< 1	205	65.3	83.6	4	3.49	0.198	2.13	40.5	< 0.2	< 0.2
03-Nov-03	Phili	7.6	1896	516	975.3	530	0.1	< 5	231	88.1	96.4	3	2.75	0.211	1.91	45.3	< 0.2	0.2
19-Apr-04	Phili	7.42	2144	561	1027	462	0.09	< 1	243	90.5	101	4	0.81	0.323	1.62	55.5	< 0.2	< 0.2
07-Jun-04	Phili	7.26	2146		943.1	432	0.1	< 1	229	81.7	90	3.3	1.55	0.245	1.98	59.9	< 0.2	< 0.2
23-Aug-04	Phili	7.55	1764	532	866.3	296	0.11	< 1	216	71.3	78.8	3.3	1.1	0.209	2.09	108	< 0.2	< 0.2
02-Nov-04	Phili	7.73	1601	480	776	221	0.18	< 1	188	54.7	74	3.2	2.3	0.184	1.89	171	< 0.2	< 0.2
11-Apr-05	Phili	7.36	1690	446	741.3	216	0.25	< 1	184	61.8	68	2.6	0.09	0.22	1.1	170	< 0.2	6.3
21-Jun-05	MAX	7.86	1650	459	787	217	0.25	< 1	200	72.8	77.4	3.2	1.08	0.201	1.84	31.5	< 0.1	< 0.1
31-Aug-05	MAX	7.89	2000	483	915	339	0.19	< 1	240	100	93		2.1	0.2	1.48	137	0.02	0.5
15-Nov-05	MAX	8.02	1870	443	870	360	0.16	< 1	260	180	110	3.6	3.3	0.22	1.53	144	0.29	0.6
28-Apr-06	Maxx	8	2220	510	990	380	0.21	< 1	240	120	95	3.1	< 0.05	0.19	0.86	121	< 0.01	0.2
07-Jun-06	Maxx	7.9	2170	540	940	375	0.19	< 1	220	110	93	3.1	0.12	0.24	1.57	107	< 0.01	< 0.1
30-Aug-06	MAX	8	2070	576	1000	356	0.2	< 1	250	120	98	3.6	2	0.26	2.18	102	< 0.01	< 0.1
24-Nov-06	MAX	8	2230	560	950	390	0.21	< 1	230	96	92	3.3	0.18	0.22	1.62	97	< 0.01	0.4
12-Apr-07	Maxx	8.1	2090	551	920	337	0.22	< 1	220	100	89	2.9	0.085	0.27	1.2	102	< 0.01	0.2
18-Jun-07	Maxx	8.1	2140	540	900	370	0.22	< 1	220	100	87	3.3	< 0.05	0.21	0.8	93	0.06	< 0.1
13-Aug-07	Maxx	8.1	1810	565	890	281	0.24	2	210	98	88	3.4	1.5	0.24	2.08	98	< 0.01	< 0.1
14-Nov-07	Maxx	8.1	1980	553	800	302	0.27	< 1	200	88	73	3.1	0.36	0.19	2.08	91	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 14-III Outwash 0.2 - 2.3 m	26-Apr-02	Phili	7.49	880	530	476	22.3	0.06	< 1	125	19.6	39.4	6	3.31	1.06	< 0.03	10.8	< 0.2	< 0.2
	22-Apr-03	Phili	7.45	848	419	432.6	20	0.08	< 1	120	16.7	32.1	10	0.03	0.081	< 0.03	33.8	< 0.2	< 0.2
	23-Jun-03	INV																	
	02-Sep-03	Dry																	
	03-Nov-03	INV																	
	19-Apr-04	Phili																	
	07-Jun-04	Phili	7.25	1484		782.4	63.9	0.11	< 1	205	45.3	65.1	6.3	17.6	1.53	0.04	3.3	< 0.2	< 0.2
	23-Aug-04	Dry																	
	02-Nov-04	INV																	
	11-Apr-05	INV																	
	21-Jun-05	INV																	
	31-Aug-05	INV																	
	15-Nov-05	INV																	
	28-Apr-06	Maxx	8.1	645	374	400	7	0.12	< 1	110	12	28	5.2	1.3	0.58	0.06	7	< 0.01	0.1
	07-Jun-06	Maxx	8.2	1060	635	590	21	0.1	< 1	160	27	49	4.2	11	1.5	0.07	3	< 0.01	< 0.1
	30-Aug-06	MAX	7.9	1410	885	810	37	0.13	< 1	220	39	65	7.3	28	1.7	0.08	1	< 0.01	< 0.1
	24-Nov-06	MAX	8.1	813	472	420	8	0.13	< 1	120	12	31	4.2	5.5	0.43	0.14	7	< 0.01	< 0.1
	12-Apr-07	Maxx	8.1	1050	580	630	20	0.1	< 1	170	25	53	3.7	14	0.94	0.12	7	< 0.01	< 0.1
	18-Jun-07	Maxx	8.1	1350	768	870	43	0.11	< 1	230	46	76	5.4	36	1.3	0.13	1	< 0.01	< 0.1
	13-Aug-07	INV																	
	14-Nov-07	INV																	
Monitor 14-IV Bedrock 25.6 - 27.1 m	23-Jun-03	Phili	8.09	356	200	141.2	5.4	0.14	< 1	38.2	40.1	11	2	0.04	0.024	0.14	9.7	< 0.2	< 0.2
	02-Sep-03	Phili	8.16	300	160	92.8	1.5	0.08	< 1	21.9	35.6	9.2	2	0.01	0.013	0.11	1.6	< 0.2	< 0.2
	03-Nov-03	Phili	8.25	281	159	87.3	1.7	0.08	1	20.3	37.6	8.85	< 1	0.02	0.007	0.14	1.6	< 0.2	< 0.2
	19-Apr-04	Phili	8.18	289	160	102.5	1.9	0.08	< 1	24.9	37.1	9.79	1	0.27	0.015	0.16	2	< 0.2	< 0.2
	07-Jun-04	Phili	8.16	295		80.3	1.4	0.08	< 1	19.2	36.1	7.85	1.1	< 0.03	< 0.005	0.11	1.2	< 0.2	< 0.2
	23-Aug-04	Phili	8.27	290	159	79.1	1.6	0.08	< 1	19.5	35.1	7.35	1.1	0.03	< 0.005	0.13	1.7	< 0.2	< 0.2
	02-Nov-04	Phili	8.24	293	164	75.6	1.5	0.07	< 1	18.2	31.9	7.33	1.1	< 0.03	< 0.005	0.15	1.4	< 0.2	< 0.2
	11-Apr-05	Phili	8.16	307	149	75.9	1.4	0.09	< 1	18.8	37.5	7.01	1.1	< 0.03	< 0.005	0.15	0.8	< 0.2	< 0.2
	21-Jun-05	MAX	8.22	294	160	72.1	8.13	0.09	< 1	18.8	43.1	7.36	1.3	< 0.05	< 0.002	0.17	0.5	< 0.1	< 0.1
	31-Aug-05	MAX	8.32	287	170	78.7	1	0.09	< 1	20	44	8.1		< 0.05	< 0.002	0.16	14	< 0.01	< 0.1
	15-Nov-05	MAX	8.42	268	166	75	1	0.1	< 1	19	42	8.1	1.2	< 0.05	< 0.002	0.11	1	< 0.01	< 0.1
	28-Apr-06	Maxx	8.4	306	173	84	2	0.09	< 1	20	42	8.3	1.3	< 0.05	< 0.002	0.2	1	< 0.01	< 0.1
	07-Jun-06	Maxx	8.3	305	170	81	1	0.09	< 1	19	43	7.9	1.3	< 0.05	< 0.002	0.19	2	< 0.01	< 0.1
	30-Aug-06	MAX	8.2	297	170	88	2	0.11	< 1	20	54	9.4	1.3	< 0.05	< 0.002	0.25	1	< 0.01	< 0.1
	24-Nov-06	MAX	8.3	306	171	82	1	0.09	< 1	20	39	7.9	1.2	< 0.05	< 0.002	0.34	2	< 0.01	< 0.1
	13-Apr-07	Maxx	8.3	304	165	90	2	0.1	< 1	21	43	9.1	1.4	< 0.05	< 0.002	0.33	1	< 0.01	< 0.1
	20-Jun-07	Maxx	8.2	301	163	81	3	0.1	< 1	19	41	8	1.2	< 0.05	< 0.002	0.23	3	< 0.01	< 0.1
	14-Aug-07	Maxx	8.3	297	160	80	2	0.1	< 1	19	40	8	1.2	< 0.05	< 0.002	0.27	1	< 0.01	< 0.1
	15-Nov-07	Maxx	8.3	304	162	92	1	0.09	< 1	21	43	9.2	1.3	< 0.1	0.005	0.21	1	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 15-I Bedrock 25.9 - 27.1 m	26-Apr-02	Phili	8.05	308	183	91.2	1.3	0.09	< 1	21	38.2	9.39	2	0.05	< 0.005	0.24	0.9	< 0.2	< 0.2
	12-Aug-02	Phili	8.05	297	171	82	1.4	0.08	< 1	19	38.6	8.33	1	0.05	< 0.005	0.25	0.5	< 0.2	0.2
	22-Apr-03	Phili	8.19	310	162	89.3	1.4	0.08	< 1	21	36.2	8.9	< 1	0.05	< 0.005	0.25	0.6	< 0.2	< 0.2
	02-Sep-03	Phili	8.09	294	166	82.5	1.3	0.08	< 1	18.9	38.5	8.52	1	0.04	< 0.005	0.28	0.5	< 0.2	< 0.2
	19-Apr-04	Phili	8.24	290	172	88.1	1.3	0.09	< 1	20.5	37.2	8.92	1	0.05	< 0.005	0.27	0.5	< 0.2	< 0.2
	23-Aug-04	Phili	8.17	294	166	85.4	1.4	0.08	< 1	19	40.9	9.22	1.1	0.05	< 0.005	0.27	0.7	< 0.2	< 0.2
	11-Apr-05	Phili	8.11	318	165	83.2	1.2	0.09	< 1	20	36.1	8.1	1	0.04	< 0.005	0.27	0.6	< 0.2	< 0.2
	31-Aug-05	MAX	8.17	297	177	89.2	2	0.09	< 1	19	38	8.6		< 0.05	< 0.002	0.26	1	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	310	179	93	1	0.09	< 1	21	40	9.7	1.2	< 0.05	< 0.002	0.28	1	< 0.01	< 0.1
	30-Aug-06	MAX	8.3	306	180	94	2	0.1	< 1	21	48	10	1.2	< 0.05	< 0.002	0.31	1	< 0.01	< 0.1
	12-Apr-07	Maxx	8.3	320	172	84	2	0.09	< 1	19	38	8.9	1.1	< 0.05	< 0.002	0.34	1	< 0.01	< 0.1
	14-Aug-07	Maxx	8.3	315	167	84	2	0.09	< 1	20	41	8.2	1.3	< 0.05	< 0.002	0.4	1	< 0.01	< 0.1
Monitor 15-II Lower Till 19.8 - 21.0 m	26-Apr-02	Phili	8.21	283	163	42.6	1.7	0.12	< 1	11.6	52.4	3.26	< 1	< 0.01	0.006	0.04	6	< 0.2	< 0.2
	12-Aug-02	Phili	8.46	266	126	42	1.7	0.12	< 1	11.6	50	3.11	1	0.03	0.007	0.33	10.5	< 0.2	0.2
	22-Apr-03	Phili	8.63	274	132	43.1	1.9	0.11	< 1	12.2	48.4	3.07	< 1	0.01	0.007	0.31	9.4	< 0.2	< 0.2
	02-Sep-03	Phili	8.36	263	139	41.1	1.8	0.12	< 1	11.1	49.6	3.21	< 1	0.01	0.007	0.42	6.1	< 0.2	< 0.2
	19-Apr-04	Phili	8.49	265	141	48.7	2	0.13	< 1	13.8	50.9	3.46	< 1	< 0.01	0.008	0.33	7.2	< 0.2	< 0.2
	23-Aug-04	Phili	8.38	271	143	44	1.8	0.11	< 1	11.5	50.1	3.73	0.5	< 0.03	0.011	0.37	3.5	< 0.2	< 0.2
	11-Apr-05	Phili	8.55	274	132	40.9	2.2	0.13	< 1	11.3	48.3	3.06	0.4	0.18	0.015	0.39	9.4	< 0.2	< 0.2
	31-Aug-05	MAX	8.27	271	156	43.1	1	0.11	< 1	12	55	3.7		< 0.05	0.009	0.2	9	< 0.01	< 0.1
	28-Apr-06	Maxx	8.4	284	157	45	2	0.13	< 1	12	52	3.9	0.58	< 0.05	0.008	0.35	3	< 0.01	< 0.1
	30-Aug-06	MAX	8.6	268	145	38	3	0.12	< 1	9.8	53	3.2	0.59	< 0.05	0.007	0.42	6	< 0.01	< 0.1
	12-Apr-07	Maxx	8.4	291	147	44	5	0.13	< 1	11	55	3.9	0.56	< 0.05	0.009	0.44	4	< 0.01	< 0.1
	14-Aug-07	Maxx	8.4	284	151	47	3	0.12	< 1	12	56	4.3	0.7	< 0.05	0.014	0.4	3	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor

15-III
Upper Till
9.0 - 10.2 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	8.23	370	202	97.7	10.2	0.1	< 1	17	48.8	13.3	1	< 0.01	0.005	0.53	6.5	< 0.2	< 0.2
19-Jun-02	Phili	8.32	359	186	107	10.2	0.1	< 5	18.8	49.1	14.6	2	< 0.01	0.007	0.37	7.4	< 0.2	< 0.2
12-Aug-02	Phili	8.24	367	182	100	9	0.09	< 1	17.3	46.5	13.7	2	< 0.01	0.005	0.47	8.1	< 0.2	0.2
04-Nov-02	Phili	8.22	356	192	94.7	9.9	0.1	< 1	16.4	49.2	13	3	< 0.01	0.006	0.47	8.8	< 0.2	0.4
22-Apr-03	Phili	8.32	398	187	91.9	13.8	0.09	< 1	15.7	48.5	12.7	2	< 0.01	< 0.005	0.32	9.4	< 0.2	< 0.2
23-Jun-03	Phili	8.25	408	193	109.3	13.5	0.1	< 1	20.3	55.4	14.1	2	< 0.01	0.008	0.46	11.7	< 0.2	< 0.2
02-Sep-03	Phili	8.2	369	184	100.2	11.8	0.09	< 1	17.2	50.4	13.8	2	< 0.01	< 0.005	0.55	10.1	< 0.2	< 0.2
03-Nov-03	Phili	8.3	358	187	105	14.9	0.09	< 1	18.4	50.4	14.3	1	< 0.01	0.006	0.3	10.1	< 0.2	0.2
19-Apr-04	Phili	8.32	374	192	105.6	13	0.09	< 1	18.7	51.3	14.2	1	< 0.01	0.005	0.51	10	< 0.2	< 0.2
07-Jun-04	Phili	8.16	396		101.1	13.2	0.1	< 1	17.8	46.5	13.7	1.6	< 0.03	0.007	0.33	10.2	< 0.2	< 0.2
23-Aug-04	Phili	8.34	377	188	113.2	17	0.09	< 1	22.2	45.7	14	1.5	< 0.03	0.009	0.42	10.6	< 0.2	0.2
02-Nov-04	Phili	8.36	382	193	105.6	14.2	0.08	< 1	18.5	41.1	14.4	1.4	< 0.03	0.006	0.62	10.3	< 0.2	< 0.2
11-Apr-05	Phili	8.22	402	188	99.4	13.4	0.1	< 1	18.6	44.7	12.8	1.4	< 0.03	0.005	0.41	9.6	< 0.2	< 0.2
21-Jun-05	MAX	8.15	384	185	105	10.2	0.1	< 1	20.2	47.3	13.6	1.7	< 0.05	0.005	0.52	8.8	< 0.1	< 0.1
31-Aug-05	MAX	8.33	371	195	111	10	0.09	< 1	18	45	14		< 0.05	0.006	0.47	5	< 0.01	< 0.1
15-Nov-05	MAX	8.25	533	189	110	12	0.1	< 1	19	49	16	1.6	< 0.05	0.006	0.3	10	< 0.01	0.2
28-Apr-06	Maxx	8.4	417	205	120	13	0.1	< 1	20	53	16	1.6	< 0.05	0.005	0.72	11	< 0.01	< 0.1
07-Jun-06	Maxx	8.3	409	199	110	12	0.09	< 1	20	49	16	1.6	< 0.05	0.007	0.35	11	< 0.01	< 0.1
30-Aug-06	MAX	8.3	379	193	120	13	0.1	< 1	20	53	17	1.5	< 0.05	0.006	0.64	9	< 0.01	< 0.1
24-Nov-06	MAX	8.3	390	194	120	11	0.1	< 1	20	50	16	1.7	< 0.05	0.005	0.34	9	< 0.01	0.2
12-Apr-07	Maxx	8.3	406	187	120	14	0.11	< 1	20	51	17	1.6	< 0.05	0.005	0.48	11	< 0.01	< 0.1
20-Jun-07	Maxx	8.3	403	188	130	11	0.1	< 1	22	51	17	1.7	< 0.05	0.006	0.23	11	< 0.01	0.1
14-Aug-07	Maxx	8.3	403	186	110	13	0.11	< 1	20	48	14	1.5	< 0.05	0.006	0.43	10	< 0.01	0.2
15-Nov-07	Maxx	8.4	407	186	110	13	0.11	< 1	19	45	15	1.5	< 0.1	0.006	0.46	11	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
15-IV
Outwash
5.6 - 6.8 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.69	783	348	393	33.5	0.89	< 1	92.4	37	39.3	2	0.52	0.143	0.86	69	< 0.2	0.2
19-Jun-02	Phili	7.96	818	341	372	37.9	1.04	< 5	85.7	39.8	38.3	2	0.58	0.168	1	76.2	< 0.2	0.2
12-Aug-02	Phili	7.76	797	342	376	29.3	1.1	1	87.2	40.5	38.5	2	1.23	0.132	1.18	71.7	< 0.2	0.2
04-Nov-02	Phili	7.69	717	327	342	25.4	0.84	< 1	79.7	34.3	34.8	3	0.95	0.133	1.13	56.8	< 0.2	< 0.2
22-Apr-03	Phili	7.81	578	271	277.1	12.2	0.3	< 1	64.4	16.4	28.1	< 1	0.74	0.098	0.82	24.8	< 0.2	< 0.2
23-Jun-03	Phili	8.05	594	278	296.3	17.7	0.29	< 1	68.8	17.5	30.2	< 1	0.26	0.129	0.9	38.2	< 0.2	< 0.2
02-Sep-03	Phili	7.87	612	288	314.3	17	0.32	< 1	72.5	17.9	32.2	2	0.74	0.116	1.06	40.2	< 0.2	< 0.2
03-Nov-03	Phili	7.96	559	283	320.3	15.2	0.26	< 1	78	15.4	30.4	1	0.88	0.113	0.92	29.1	< 0.2	< 0.2
19-Apr-04	Phili	8.13	536	273	290.9	9.8	0.19	< 1	67.3	12.2	29.7	1	0.24	0.097	0.8	27.8	< 0.2	< 0.2
07-Jun-04	Phili	7.69	740		353.1	24.3	0.68	< 1	83.9	23.3	34.8	1.4	1.62	0.169	1.07	86	< 0.2	< 0.2
23-Aug-04	Phili	7.78	773	325	385.9	27.7	0.89	< 1	86.8	32.2	41	1.5	0.88	0.13	1.25	101	< 0.2	< 0.2
02-Nov-04	Phili	8.08	781	311	363.3	27.9	0.94	< 1	85.9	28.8	36.1	1.3	1.94	0.129	1.34	109	< 0.2	< 0.2
11-Apr-05	Phili	7.71	766	303	351.3	21	0.83	< 1	85.9	26.1	33.2	1.2	0.89	0.131	0.96	70.4	< 0.2	< 0.2
21-Jun-05	MAX	8.08	695	301	337	18.6	0.6	< 1	82.3	24.2	33.3	1.4	0.46	0.147	0.96	61	< 0.1	< 0.1
31-Aug-05	MAX	8.09	672	321	352	18	0.58	< 1	76	21	32		0.5	0.12	1.15	51	< 0.01	< 0.1
15-Nov-05	MAX	8.2	538	295	280	17	0.47	< 1	76	21	35	1.3	0.82	0.12	0.95	52	0.01	< 0.1
28-Apr-06	Maxx	8.2	681	321	360	19	0.39	< 1	87	17	36	1.2	1	0.16	1.13	43	< 0.01	< 0.1
07-Jun-06	Maxx	8.3	759	340	380	21	0.5	< 1	89	20	37	1.3	0.37	0.18	1.04	71	< 0.01	< 0.1
30-Aug-06	MAX	8.1	802	358	410	26	0.79	< 1	100	25	39	1.4	1.6	0.15	1.49	86	< 0.01	0.3
24-Nov-06	MAX	8	775	335	390	24	0.69	< 1	91	23	39	1.4	1.1	0.13	1.44	71	< 0.01	0.3
12-Apr-07	Maxx	8.1	887	348	430	35	0.91	< 1	100	29	42	1.3	1.9	0.17	1.39	95	< 0.01	< 0.1
20-Jun-07	Maxx	8.2	870	353	410	33	0.87	< 1	100	28	38	1.4	0.63	0.18	1.02	93	< 0.01	< 0.1
14-Aug-07	Maxx	8.4	837	347	430	33	0.93	< 1	100	30	41	1.5	0.95	0.17	1.26	94	< 0.01	< 0.1
15-Nov-07	Maxx	8.1	765	321	400	26	0.72	< 1	96	25	39	1.4	1.8	0.15	1.37	64	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 15-V Fill 0.1 - 2.3 m	26-Apr-02	Phili	7.32	743	414	393	9	0.06	< 1	112	13.2	27.1	9	0.01	< 0.005	0.1	27.9	< 0.2	1.2
	19-Jun-02	Phili	7.51	718	389	380	5.3	0.08	< 5	110	8.8	24.9	8	< 0.01	0.023	0.32	16.4	< 0.2	< 0.2
	22-Apr-03	Phili	7.45	779	317	365.2	12.2	0.07	< 1	106	14.6	24.1	15	< 0.01	< 0.005	0.66	49.1	< 0.2	8.6
	23-Jun-03	Dry																	
	02-Sep-03	INV																	
	03-Nov-03	Phili	7.79	731	370	461.4	14.1	0.08	< 1	135	10.4	29.9	5	0.01	0.011	< 0.03	41.3	< 0.2	4.7
	19-Apr-04	Phili	7.7	595	319	345.1	5.6	0.08	< 1	102	7	21.4	5	< 0.01	< 0.005	< 0.03	16.6	< 0.2	3.1
	07-Jun-04	Phili	7.25	892		490.7	16.6	0.17	< 1	145	11.3	30.7	5.9	0.96	1.14	0.59	13.4	< 0.2	< 0.2
	23-Aug-04	Phili	7.53	1072	639	619.6	25.8	0.14	< 1	176	18.7	43.5	9.8	7.26	1.76	2.81	5.1	< 0.2	< 0.2
	02-Nov-04	INV																	
	11-Apr-05	Phili	7.55	566	276	287.5	8.2	0.06	< 1	88.8	5.8	15.9	2.2	< 0.03	0.023	0.12	15.3	< 0.2	1.4
	21-Jun-05	INV																	
	31-Aug-05	INV																	
	15-Nov-05	INV																	
	15-Nov-05	INV							<					<		<		<	
	15-Nov-05	MAX	8.22	531	285	310	9	0.1	1	99	10	24	3.8	0.05	0.02	0.05	49	0.01	0.3
	15-Nov-05	MAX	8.22	531	285	310	9	0.1	< 1	99	10	24	3.8	< 0.05	0.02	< 0.05	49	< 0.01	0.3
	28-Apr-06	Maxx	8.2	600	301	330	5	0.08	< 1	99	8.3	21	3.2	< 0.05	0.007	0.06	9	< 0.01	5.6
	07-Jun-06	Maxx	8	859	501	480	9	0.12	8	140	12	30	5.1	0.3	1.1	1.11	7	< 0.01	0.5
	30-Aug-06	MAX	7.8	1200	753	700	16	0.19	< 1	210	20	46	8	23	1.9	3.27	5	< 0.01	< 0.1
	24-Nov-06	MAX	8	732	400	420	6	0.12	< 1	130	8.9	25	2.8	< 0.05	0.05	0.26	21	< 0.01	1.3
	12-Apr-07	Maxx	8.1	652	320	350	6	0.09	< 1	100	7.3	22	2	< 0.05	0.012	0.09	17	< 0.01	4
	20-Jun-07	Maxx	8.2	980	572	600	12	0.16	< 1	180	14	37	5.7	1.4	0.83	2.4	4	< 0.01	< 0.1
	14-Aug-07	INV																	
	15-Nov-07	INV																	
Monitor 16-I Lower Till 13.0 - 15.1 m	26-Apr-02	Phili	8.21	308	186	116	1.7	0.09	< 1	22.5	29.3	14.7	2	0.02	< 0.005	0.27	3.5	< 0.2	< 0.2
	12-Aug-02	Phili	8.14	299	168	113	1.9	0.09	< 1	19.5	30.2	15.6	1	0.11	0.01	0.31	4.1	< 0.2	< 0.2
	22-Apr-03	Phili	8.27	313	174	103	1.9	0.08	< 1	16.4	29.8	15	2	0.02	< 0.005	0.32	4.4	< 0.2	< 0.2
	02-Sep-03	Phili	8.16	299	158	103.3	1.7	0.09	< 1	16.7	29.4	14.9	1	0.02	0.006	0.37	5.5	< 0.2	< 0.2
	19-Apr-04	Phili	8.31	295	170	115.7	2.5	0.09	< 1	21.2	30	15.2	2	0.02	0.007	0.29	5.9	< 0.2	< 0.2
	23-Aug-04	Phili	8.31	302	167	100.7	2.2	0.09	< 1	17.3	27.7	13.9	1.2	0.04	< 0.005	0.4	5.8	< 0.2	< 0.2
	11-Apr-05	Phili	8.14	326	165	104.8	2.1	0.1	< 1	18.3	30	14.3	1.2	< 0.03	< 0.005	0.35	5.9	< 0.2	< 0.2
	31-Aug-05	MAX	8.34	310	183	117	1	0.1	< 1	21	27	15		0.2	0.019	< 0.05	6	0.05	0.2
	28-Apr-06	Maxx	8.4	328	181	120	4	0.09	< 1	19	33	17	1.5	< 0.05	0.003	0.06	4	< 0.01	0.2
	30-Aug-06	MAX	8.2	322	180	120	3	0.09	< 1	20	31	16	1.3	< 0.05	0.008	0.17	8	< 0.01	< 0.1
	12-Apr-07	Maxx	8.3	338	171	120	4	0.1	< 1	19	35	17	1.4	< 0.05	0.004	0.17	8	< 0.01	< 0.1
	14-Aug-07	Maxx	8.3	332	170	120	5	0.11	< 1	19	33	17	1.5	< 0.05	0.007	0.08	9	< 0.01	0.2

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 16-IV Upper Till 3.8 - 4.4 m	26-Apr-02	Phili	7.39	1714	691	917	61.8	2.43	< 1	227	65	84.6	6	0.52	0.177	6.11	354	< 0.2	1.3
	12-Aug-02	Phili	7.51	1622	632	882	47.9	2.25	< 1	220	57.4	80.5	6	1.45	0.161	8.53	340	< 0.2	0.2
	22-Apr-03	Phili	7.42	1678	614	880.4	56.6	2.04	< 2	225	51.5	76.6	4	0.03	0.154	6.9	351	< 0.2	1.1
	02-Sep-03	Phili	7.19	1516	620	871.1	44.9	2.16	< 1	220	51.1	77.9	6	1.09	0.169	8.47	326	< 0.2	< 0.2
	19-Apr-04	Phili	7.62	1438	600	840.7	44.2	2.06	< 1	210	50.3	76.3	5	0.34	0.148	7.2	303	< 0.2	0.5
	23-Aug-04	Phili	7.54	1477	532	792.3	55.2	1.98	< 1	202	44	69.7	5.3	0.77	0.137	9.1	329	< 0.2	< 0.2
	11-Apr-05	Phili	7.26	1557	580	781.2	41.1	2.01	< 1	198	44.2	69.2	4.7	0.64	0.15	5.44	289	< 0.2	1
	31-Aug-05	MAX	7.89	1450	605	834	34	1.8	< 1	190	42	71		3.1	0.14	8	285	0.01	0.3
	28-Apr-06	Maxx	8	1510	594	820	42	1.8	< 1	200	48	75	5	1.9	0.15	5.88	222	< 0.01	0.8
	30-Aug-06	N/A																	
	12-Apr-07	Maxx	7.9	1480	559	850	38	1.8	< 1	210	48	80	5.9	0.47	0.17	5.9	244	< 0.01	0.6
	14-Aug-07	Maxx	8.2	1360	538	790	36	1.7	< 1	190	45	75	5.9	0.3	0.15	4.8	250	0.05	0.4
Monitor 16-V Fill 0.3 - 2.4 m	26-Apr-02	Phili	7.08	768	374	428	20.5	0.77	< 1	120	10.7	30.8	4	0.04	0.009	< 0.03	59.5	< 0.2	0.4
	22-Apr-03	Phili	7.18	856	364	451	17.6	0.45	< 1	131	9.6	29.6	2	0.02	< 0.005	< 0.03	73.6	< 0.2	2.2
	02-Sep-03	Dry																	
	19-Apr-04	Phili	7.42	669	326	385	12	0.56	< 1	108	10.7	27.6	3	0.02	0.013	0.09	52.6	< 0.2	0.4
	23-Aug-04	INV																	
	11-Apr-05	Phili	7.1	681	322	366	9.1	0.31	< 1	109	6.3	22.6	1.5	< 0.03	0.008	0.09	25	< 0.2	1.1
	31-Aug-05	INV																	
	28-Apr-06	Maxx	8.1	740	391	430	7	0.49	< 1	120	8	30	3.5	< 0.05	< 0.002	< 0.05	29	< 0.01	2.1
	30-Aug-06	MAX	7.9	985	484	590	9	1.2	< 1	170	12	38	5.6	< 0.05	0.02	0.09	124	< 0.01	< 0.1
	12-Apr-07	Maxx	7.8	735	368	410	7	0.39	< 1	120	6.5	29	3.1	< 0.05	0.002	0.15	30	< 0.01	0.8
	14-Aug-07	Dry																	
Monitor 16-VI Lower Till 19.2 - 17.6 m	26-Apr-02	Phili	8.2	310	184	98.9	1	0.1	< 1	20.2	34.7	11.7	2	0.13	0.013	0.43	0.5	< 0.2	< 0.2
	12-Aug-02	Phili	8.21	299	173	94.2	1	0.1	< 1	19.1	33	11.2	1	0.13	0.012	0.45	0.5	< 0.2	0.2
	22-Apr-03	Phili	8.29	308	168	91.2	0.8	0.08	< 1	18.3	32.9	11	< 1	0.13	0.012	0.45	0.5	< 0.2	< 0.2
	02-Sep-03	Phili	8.2	298	171	96.5	1.6	0.09	< 1	20	33.4	11.2	< 1	0.09	0.013	0.47	0.5	< 0.2	< 0.2
	19-Apr-04	Phili	8.31	289	173	95.1	< 0.5	0.1	< 1	19.5	33.2	11.2	< 1	0.09	0.013	0.45	0.5	< 0.2	< 0.2
	23-Aug-04	Phili	8.32	295	168	91.3	1	0.1	< 1	19.2	31.7	10.5	0.8	0.12	0.012	0.49	0.5	< 0.2	< 0.2
	11-Apr-05	Phili	8.16	313	169	91.8	0.8	0.1	< 1	19.6	32.5	10.4	0.8	0.12	0.012	0.46	0.5	< 0.2	< 0.2
	31-Aug-05	MAX	8.37	294	182	103	< 1	0.11	< 1	21	39	13		0.12	0.012	0.45	1	< 0.01	< 0.1
	28-Apr-06	Maxx	8.4	313	184	100	1	0.1	< 1	21	36	12	0.92	0.12	0.012	0.53	1	< 0.01	< 0.1
	30-Aug-06	MAX	8.3	304	181	110	1	0.1	< 1	21	46	14	0.96	0.13	0.013	0.52	1	< 0.01	< 0.1
	12-Apr-07	Maxx	8.3	320	173	100	2	0.1	< 1	21	39	13	0.88	0.11	0.011	0.52	1	< 0.01	< 0.1
	14-Aug-07	Maxx	8.4	312	173	100	1	0.09	< 1	20	38	13	0.93	0.12	0.012	0.48	1	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 16-VII Bedrock 25.5 - 27.0 m	23-Jun-03	Phili	8.01	491	198	109.2	11.7	0.1	< 1	27	66.8	10.1	1	< 0.01	0.023	0.19	36.2	< 0.2	< 0.2
	02-Sep-03	Phili	8.16	296	166	71.3	1.8	0.1	< 1	16.7	42.9	7.14	2	0.01	< 0.005	0.34	2.5	< 0.2	< 0.2
	03-Nov-03	Phili	8.16	283	168	87.5	1.8	0.1	< 1	21.1	37.5	8.42	1	0.01	< 0.005	0.41	0.6	< 0.2	< 0.2
	19-Apr-04	Phili	8.25	288	174	84.2	0.8	0.1	< 1	20	37.2	8.32	3	0.02	< 0.005	0.38	0.5	< 0.2	< 0.2
	07-Jun-04	Phili	8.19	300		79.3	1.3	0.1	< 1	18.6	36.2	7.99	2.1	< 0.03	< 0.005	0.35	0.5	< 0.2	< 0.2
	23-Aug-04	Phili	8.19	293	170	88.2	1.1	0.09	< 1	20.3	38.6	9.11	1.9	< 0.03	< 0.005	0.38	0.5	< 0.2	< 0.2
	02-Nov-04	Phili	8.31	296	174	83.5	1	0.08	< 1	19.7	31.8	8.35	1.9	< 0.03	< 0.005	0.38	0.5	< 0.2	< 0.2
	11-Apr-05	Phili	8.15	313	159	78.7	1	0.10	< 1	19.2	37.7	7.47	1.9	< 0.03	< 0.005	0.4	0.5	< 0.2	< 0.2
	21-Jun-05	MAX	8.31	304	169	83.7	6.92	0.09	< 1	20.3	39.1	8.55	2	< 0.05	0.003	0.37	0.5	< 0.1	< 0.1
	31-Aug-05	MAX	8.3	294	179	87.4	2	0.1	< 1	18	35	7.5		0.65	0.025	0.39	1	< 0.01	< 0.1
	15-Nov-05	MAX	8.26	269	170	86	< 1	0.1	< 1	20	39	8.9	1.7	0.17	0.005	0.31	1	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	314	181	88	2	0.11	< 1	21	38	8.8	1.7	0.081	0.005	0.39	1	< 0.01	< 0.1
	07-Jun-06	Maxx	8.3	313	178	85	< 1	0.1	< 1	20	38	8.5	1.7	< 0.05	0.007	0.46	1	< 0.01	< 0.1
	30-Aug-06	MAX	8.3	305	181	90	2	0.1	< 1	22	38	8.8	1.3	< 0.05	0.002	0.41	1	< 0.01	< 0.1
	24-Nov-06	MAX	8.3	316	181	81	1	0.1	< 1	19	38	8.1	1.4	0.16	0.005	0.44	1	< 0.01	< 0.1
	13-Apr-07	Maxx	8.3	317	176	86	2	0.1	< 1	20	39	8.9	1.3	< 0.05	0.003	0.43	1	< 0.01	< 0.1
	20-Jun-07	Maxx	8.3	314	172	92	2	0.1	< 2	22	43	9.1	1.6	< 0.05	< 0.002	0.45	1	< 0.01	< 0.1
	14-Aug-07	Maxx	8.4	313	170	87	< 1	0.1	< 1	20	40	8.9	1.3	< 0.05	0.002	0.39	1	< 0.01	< 0.1
	15-Nov-07	Maxx	8.2	308	167	93	2	0.1	< 1	21	42	9.6	1.5	< 0.1	0.006	0.41	1	< 0.01	< 0.1
Monitor 17-I Bedrock 24.4 - 25.6 m	26-Apr-02	Phili	8.12	298	174	93.2	1	0.09	< 1	21.5	34.1	9.57	1	0.42	0.007	0.42	0.5	< 0.2	< 0.2
	12-Aug-02	Phili	8.1	288	165	94.1	0.9	0.08	< 1	22.4	33	9.24	1	0.44	0.007	0.41	0.5	< 0.2	0.2
	22-Apr-03	Phili	8.21	295	158	87	1	0.08	< 1	19.8	32.5	9.1	< 1	0.43	0.006	0.43	0.5	< 0.2	< 0.2
	02-Sep-03	Phili	7.79	297	158	93.5	1.4	0.08	< 1	22.3	32.9	9.16	1	0.43	0.008	0.44	0.5	< 0.2	< 0.2
	19-Apr-04	Phili	8.21	285	163	96.6	1.2	0.09	< 1	23.2	33.4	9.33	< 1	0.45	0.007	0.44	0.5	< 0.2	< 0.2
	23-Aug-04	Phili	8.21	285	164	87.9	1	0.08	< 1	21.1	31.8	8.58	0.7	0.5	0.006	0.45	0.5	< 0.2	< 0.2
	11-Apr-05	Phili	8.1	301	159	85.8	1.2	0.09	< 1	20.3	31.5	8.51	0.7	0.47	0.005	0.46	0.5	< 0.2	< 0.2
	31-Aug-05	MAX	8.28	286	174	92.5	< 1	0.08	< 1	21	33	9		0.46	0.005	0.43	1	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	295	174	92	2	0.08	< 1	22	32	9.1	0.71	0.54	0.006	0.51	1	< 0.01	< 0.1
	30-Aug-06	MAX	8.3	295	176	97	< 1	0.07	< 1	21	39	11	0.83	0.45	0.006	0.48	1	< 0.01	< 0.1
	11-Apr-07	Maxx	8.3	310	168	100	2	0.09	< 1	23	39	11	0.77	0.51	0.006	0.54	1	< 0.01	< 0.1
	14-Aug-07	Maxx	8.3	297	165	98	2	0.09	< 1	22	39	11	0.88	0.56	0.006	0.47	1	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 17-II Lower Till 18.6 - 19.2 m	26-Apr-02	Phili	8.22	304	170	100	1.3	0.08	< 1	21.9	31	11.1	< 1	0.06	0.025	0.38	9	< 0.2	< 0.2
	12-Aug-02	Phili	8.17	292	155	97.9	1	0.08	< 1	21.3	29.6	10.8	< 1	0.09	0.024	0.36	8.6	< 0.2	0.2
	22-Apr-03	Phili	8.32	298	151	102.1	1.3	0.07	< 1	23.3	29.5	10.6	< 1	0.06	0.026	0.34	8.2	< 0.2	< 0.2
	02-Sep-03	Phili	8.23	283	153	95.8	1.3	0.08	< 1	20.9	29.5	10.5	< 1	0.05	0.025	0.37	8.7	< 0.2	< 0.2
	19-Apr-04	Phili	8.25	286	158	102.6	1	0.09	< 1	23.1	30.2	10.9	< 1	0.1	0.022	0.34	9	< 0.2	< 0.2
	23-Aug-04	Phili	8.28	290	150	96.7	1.3	0.07	1	22	28.1	10.1	0.6	0.11	0.021	0.34	9.1	< 0.2	< 0.2
	11-Apr-05	Phili	8.21	307	152	93.1	1.4	0.08	< 1	21.2	26.7	9.76	0.7	0.1	0.02	0.41	10.5	< 0.2	< 0.2
	31-Aug-05	MAX	8.36	291	166	105	2	0.07	1	20	28	10		0.12	0.02	0.36	10	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	311	169	100	2	0.08	< 1	23	28	11	0.84	0.14	0.024	0.45	9	< 0.01	< 0.1
	30-Aug-06	MAX	8.3	303	167	110	2	0.07	< 1	23	35	12	0.8	0.073	0.024	0.42	10	< 0.01	< 0.1
	11-Apr-07	Maxx	8.3	317	162	120	2	0.09	< 1	25	34	13	0.78	0.11	0.026	0.49	12	< 0.01	< 0.1
	14-Aug-07	Maxx	8.3	314	157	110	3	0.08	< 1	22	30	12	0.75	0.11	0.024	0.41	12	< 0.01	< 0.1
Monitor 17-III Upper Till 5.9 - 7.1 m	26-Apr-02	Phili	8.01	546	300	306	3.5	0.01	< 1	66.9	8.9	33.6	1	0.06	0.011	< 0.03	36.9	< 0.2	< 0.2
	12-Aug-02	Phili	8.04	531	279	303	3.5	0.01	< 1	67.4	6.8	32.6	< 1	< 0.01	0.018	< 0.03	28.3	< 0.2	0.2
	22-Apr-03	Phili	8.04	550	272	296.3	3.8	< 0.01	< 1	64.8	7.1	32.5	< 1	< 0.01	< 0.005	< 0.03	36.8	< 0.2	< 0.2
	02-Sep-03	Phili	7.99	530	270	292.4	3.5	0.01	< 1	63.1	6.6	32.6	1	< 0.01	< 0.005	0.03	36.6	< 0.2	< 0.2
	19-Apr-04	Phili	8.11	521	266	295.9	3.5	0.01	< 1	64.7	6.1	32.5	< 1	< 0.01	< 0.005	< 0.03	37.7	< 0.2	< 0.2
	23-Aug-04	Phili	8.1	534	278	294.7	3.7	0.005	< 1	66.8	5.2	31	1	< 0.03	< 0.005	< 0.03	35.8	< 0.2	< 0.2
	11-Apr-05	Phili	7.87	553	272	286.5	3.5	0.01	< 1	64.1	4.5	30.7	1	< 0.03	< 0.005	< 0.03	34.5	< 0.2	< 0.2
	31-Aug-05	MAX				317	1	0.01	< 1	72	4.9	35		< 0.05	< 0.002	< 0.05	33	< 0.01	< 0.1
	28-Apr-06	Maxx																	
	30-Aug-06	INV																	
	11-Apr-07	Maxx	8.3	564	277	330	5	0.02	< 1	73	5.3	37	1.3	< 0.05	< 0.002	0.06	43	< 0.01	< 0.1
	14-Aug-07	Maxx	8.3	554	276	340	4	0.01	< 1	73	6.1	38	1.4	< 0.05	< 0.002	< 0.05	37	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
17-IV
Outwash
0.5 - 4.2 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.82	545	318	311	4	< 0.01	< 1	71.8	1.3	31.9	< 1	< 0.01	< 0.005	< 0.03	12.6	< 0.2	0.9
19-Jun-02	Phili	7.88	543	301	320	2.4	< 0.01	< 5	77	1.2	31.1	< 1	< 0.01	< 0.005	< 0.03	10.5	< 0.2	< 0.2
22-Apr-03	Phili	7.96	524	284	301.3	2.1	< 0.01	< 1	72.2	1.1	29.3	< 1	0.02	< 0.005	< 0.03	11.1	< 0.2	0.4
23-Jun-03	Phili	7.77	531	292	303.4	1.6	< 0.01	1	72.9	1.5	29.4	< 1	0.03	< 0.005	< 0.03	8.2	< 0.2	< 0.2
02-Sep-03	INV																	
03-Nov-03	Dry																	
19-Apr-04	Phili	8.13	436	248	255.4	1.1	< 0.01	< 1	59.2	1.1	26	< 1	< 0.01	< 0.005	0.06	8.6	< 0.2	< 0.2
07-Jun-04	INV																	
23-Aug-04	INV																	
02-Nov-04	INV																	
11-Apr-05	Phili	7.83	450	240	243.9	1.7	0.005	< 1	57.6	1.1	24.2	0.2	< 0.03	< 0.005	< 0.03	7.3	< 0.2	< 0.2
21-Jun-05	INV																	
31-Aug-05	INV																	
15-Nov-05	INV																	
28-Apr-06	INV																	
07-Jun-06	INV																	
30-Aug-06	INV																	
24-Nov-06	INV						<	<					<	<			<	
24-Nov-06	INV																	
24-Nov-06	MAX	8	661	391	410	33	< 0.01	< 1	93	2.4	42	0.2	< 0.05	< 0.002	0.07	37	< 0.01	0.3
24-Nov-06	MAX	8	661	391	410	33	0.01	1	93	2.4	42	0.2	0.05	0.002	0.07	37	0.01	0.3
11-Apr-07	Maxx	8.2	572	318	360	2	< 0.01	< 1	80	2.4	0.05	< 0.2	< 0.05	< 0.002	0.09	7	< 0.01	0.2
18-Jun-07	INV																	
14-Aug-07	Dry																	
15-Nov-07	INV																	

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 18-III Outwash 0.1 - 2.9 m	26-Apr-02	Phili	7.25	1642	255	1090	9.2	0.15	< 1	333	5.2	63.7	< 1	0.04	0.005	< 0.03	791	< 0.2	11.1
	19-Jun-02	Phili	7.25	2254	319	1920	11.3	0.2	< 5	602	6.9	102	1	0.03	0.016	< 0.03	1500	< 0.2	< 0.2
	22-Apr-03	Phili	6.99	1998	236	1446	15.3	< 0.1	< 1	425	9.1	93.1	< 10	< 0.1	0.106	0.04	1040	< 0.2	12.2
	23-Jun-03	INV																	
	02-Sep-03	INV																	
	03-Nov-03	Phili	7.31	2327	304	2523	74.7	0.17	< 5	760	19.7	151	< 1	0.03	0.024	0.04	1790	< 0.2	6.4
	19-Apr-04	Phili	7.4	1322	230	945.9	6	0.12	< 1	290	4.1	53.6	< 1	0.06	0.007	0.12	590	< 0.2	3
	07-Jun-04	Phili	7.14	1193		703.5	7.8	0.11	3	218	4	38.3	0.2	0.04	0.102	0.03	438	< 0.2	4.3
	23-Aug-04	INV																	
	02-Nov-04	Phili	7.72	635	248	351.8	5.3	0.03	< 1	105	3	21.7	0.2	< 0.03	0.015	0.08	59.4	< 0.2	10.3
	11-Apr-05	Phili	7.19	1072	230	603.7	7.3	0.1	1	187	3.4	32.8	0.4	0.07	0.055	0.04	385	< 0.2	3.8
	21-Jun-05	MAX	7.79	1380	270	875	7.8	0.1	< 1	274	4.4	44.3	0.3	0.1	0.138	0.15	594	< 0.1	3.7
	31-Aug-05	MAX	7.95	896	289	564	5	0.06	< 1	160	4.1	31		< 0.05	< 0.002	0.06	209	< 0.01	11
	15-Nov-05	MAX	8.11	674	279	530	5	0.04	< 1	130	4.4	31	0.38	< 0.05	0.005	< 0.05	119	0.04	9.5
	28-Apr-06	Maxx	8.1	1280	224	850	8	0.12	< 1	270	5	45	0.23	0.069	0.004	0.24	443	< 0.01	11
	07-Jun-06	Maxx	7.9	2360	346	1700	8	0.14	< 1	520	6.9	95	< 0.2	0.068	0.65	0.08	1230	< 0.01	< 0.1
	30-Aug-06	MAX	7.9	943	273	570	6	0.09	< 1	180	4	28	0.22	< 0.05	0.008	0.07	246	0.02	8.5
	24-Nov-06	MAX	7.9	1620	303	1000	7	0.15	< 1	320	5.6	51	< 0.2	< 0.05	0.017	0.15	655	0.04	7.4
	11-Apr-07	Maxx	7.9	1420	253	920	7	0.11	2	290	5.8	0.05	< 0.2	0.068	0.004	0.11	496	0.01	8.6
	18-Jun-07	Maxx	7.8	1820	319	1300	7	0.12	1	430	5.6	56	< 0.2	< 0.05	0.012	0.49	802	0.02	3.2
	14-Aug-07	INV																	
	15-Nov-07	INV																	
Monitor 19-I Bedrock 24.6 - 25.8 m	26-Apr-02	Phili	7.99	432	251	222	3.1	0.03	< 1	37.5	11.1	31.2	2	0.14	0.007	0.22	17.3	< 0.2	< 0.2
	12-Aug-02	Phili	8.14	420	220	218	2.7	0.04	< 1	36.8	11.1	30.7	1	0.15	0.006	0.21	15.7	< 0.2	0.2
	22-Apr-03	Phili	8	430	225	212	3.2	0.02	< 1	35.1	10.5	30.1	< 1	0.14	0.006	0.23	17.2	< 0.2	< 0.2
	02-Sep-03	Phili	8.07	387	213	213.1	2.6	0.03	< 1	35.3	10.7	30.3	< 1	0.14	< 0.005	0.24	17.3	< 0.2	< 0.2
	19-Apr-04	Phili	7.96	391	219	234.8	2.5	0.03	< 1	42.2	11	31.4	1	0.15	0.008	0.22	16.6	< 0.2	< 0.2
	23-Aug-04	Phili	8.14	416	223	216.9	3.6	0.03	< 1	35.9	10.6	30.8	0.9	0.16	0.005	0.25	17.7	< 0.2	< 0.2
	11-Apr-05	Phili	8.12	434	224	212.7	3.4	0.03	< 1	36.6	9.9	29.4	0.9	0.13	0.005	0.23	17.4	< 0.2	< 0.2
	31-Aug-05	MAX	8.2	415	237	225	3	0.03	< 1	35	10	30		0.16	0.005	0.22	4	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	442	241	240	3	0.03	< 1	40	11	33	1	0.2	0.005	0.26	16	< 0.01	< 0.1
	30-Aug-06	MAX	8.1	436	237	210	3	0.02	< 1	37	10	29	0.94	0.12	0.005	0.25	18	< 0.01	< 0.1
	11-Apr-07	Maxx	8.3	452	230	240	4	0.03	< 1	39	12	34	0.97	0.14	0.005	0.31	19	< 0.01	< 0.1
	15-Aug-07	Maxx	8.4	437	226	230	3	0.03	< 1	39	12	33	2.1	0.14	0.006	0.28	20	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 19-II Lower Till 19.8 - 21.0 m	26-Apr-02	Phili	8.15	387	221	181	2.5	0.05	< 1	29.7	16.9	26.1	1	0.01	0.014	0.24	9.5	< 0.2	< 0.2
	12-Aug-02	Phili	8.18	361	203	186	2.2	0.05	< 1	31.4	16.5	26.1	< 1	0.01	0.014	0.28	8.4	< 0.2	< 0.2
	22-Apr-03	Phili	8.17	380	199	178.4	2.4	0.04	2	29.4	16	25.4	1	0.07	0.017	0.26	9.8	< 0.2	< 0.2
	02-Sep-03	Phili	8.15	349	196	188.2	2.2	0.04	< 1	33	16.2	25.6	1	0.04	0.019	0.2	10.7	< 0.2	< 0.2
	19-Apr-04	Phili	8.13	355	198	184.6	2.1	0.05	< 1	30.4	17.4	26.3	2	0.04	0.033	0.2	11.5	< 0.2	0.2
	23-Aug-04	Phili	8.25	358	203	182.6	2.7	0.04	< 1	28.8	15.8	26.8	0.9	0.06	0.013	0.32	10.1	< 0.2	< 0.2
	11-Apr-05	Phili	8.26	387	200	187.2	2.4	0.05	< 1	32.8	15.4	25.5	0.8	0.18	0.024	0.38	10.1	< 0.2	< 0.2
	31-Aug-05	MAX	8.26	368	214	187	1	0.05	< 1	27	16	24		< 0.05	0.009	0.11	2	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	398	221	190	2	0.05	< 1	32	17	27	1.1	< 0.05	0.02	0.39	10	< 0.01	< 0.1
	30-Aug-06	MAX	8.2	390	215	180	2	0.04	< 1	29	16	25	0.93	< 0.05	0.015	0.32	11	< 0.01	< 0.1
	11-Apr-07	Maxx	8.2	408	205	200	5	0.05	< 1	32	20	28	1.1	< 0.05	0.011	0.28	11	< 0.01	< 0.1
	15-Aug-07	Maxx	8.3	377	205	180	3	0.06	< 1	29	18	27	1	< 0.05	0.007	0.11	10	< 0.01	0.1
Monitor 19-IV Upper Till 6.1 - 8.9 m	26-Apr-02	Phili	7.59	675	372	365	18.5	< 0.01	< 1	92.7	7.7	32.5	< 1	< 0.01	< 0.005	< 0.03	20.4	< 0.2	< 0.2
	12-Aug-02	Phili	7.7	717	370	424	14	< 0.01	< 1	105	6.4	39.1	1	< 0.01	< 0.005	< 0.03	28.9	< 0.2	< 0.2
	22-Apr-03	Phili	7.4	753	356	402.3	23.4	< 0.01	< 1	97.3	6.8	38.6	< 1	< 0.01	< 0.005	< 0.03	44.2	< 0.2	< 0.2
	02-Sep-03	Phili	7.67	680	344	392	15.9	< 0.01	< 1	93.9	6.3	38.1	< 1	< 0.01	0.008	0.03	37.2	< 0.2	< 0.2
	19-Apr-04	Phili	7.51	698	363	359.4	21.5	< 0.01	< 1	80.7	9.2	38.3	< 1	1.38	0.217	< 0.03	28.9	< 0.2	< 0.2
	23-Aug-04	Phili	7.8	719	393	413.5	24.1	< 0.005	< 1	100	6.9	39.7	0.6	< 0.03	< 0.005	< 0.03	36.4	< 0.2	< 0.2
	11-Apr-05	Phili	7.8	729	360	379.5	21.8	0.006	< 1	96.3	9.2	33.7	0.3	< 0.03	< 0.005	< 0.03	25.4	< 0.2	< 0.2
	31-Aug-05	MAX	8	743	404	454	19	< 0.01	< 1	120	8.9	44		< 0.05	< 0.002	< 0.05	38	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	693	354	380	20	< 0.01	< 1	97	11	34	0.36	< 0.05	< 0.002	< 0.05	28	< 0.01	< 0.1
	30-Aug-06	MAX	8	770	395	410	20	< 0.01	< 1	100	8.5	38	0.62	0.14	0.028	0.08	36	< 0.01	< 0.1
	11-Apr-07	Maxx	8.1	724	373	430	15	< 0.01	< 1	110	14	41	0.39	< 0.05	< 0.002	0.08	24	< 0.01	< 0.1
	13-Aug-07	Maxx																	
	15-Aug-07	Maxx	8.2	751	400	480	15	< 0.01	< 1	110	11	46	0.87	< 0.05	< 0.002	< 0.05	30	< 0.01	< 0.1
Monitor 20-I Bedrock 17.6 - 18.8 m	26-Apr-02	Phili	7.91	384	219	200	1.4	0.02	< 1	31.2	11.8	29.7	< 1	0.13	< 0.005	0.18	11.8	< 0.2	< 0.2
	12-Aug-02	Phili	7.92	384	206	196	1.3	0.03	< 1	30.3	11.7	29.1	< 1	0.13	< 0.005	0.09	12.4	< 0.2	< 0.2
	22-Apr-03	Phili	7.95	386	200	190.1	1.4	0.03	< 1	29.2	11.1	28.4	< 1	0.12	< 0.005	0.16	12.4	< 0.2	< 0.2
	02-Sep-03	Phili	8.14	355	200	191.2	1.3	0.03	< 1	29.6	11.2	28.4	< 1	0.12	< 0.005	0.2	13.4	< 0.2	< 0.2
	19-Apr-04	Phili	7.89	359	239	197.1	1	0.03	< 1	31.2	11.5	28.9	< 1	0.13	< 0.005	0.17	12	< 0.2	< 0.2
	23-Aug-04	Phili	8.25	361	202	185.6	1.6	0.02	< 1	30.7	11.2	26.4	0.8	0.14	< 0.005	0.22	12.7	< 0.2	< 0.2
	11-Apr-05	Phili	8.14	392	203	184	1.4	0.03	< 1	29.8	10.8	26.6	0.8	0.11	< 0.005	0.16	12.2	< 0.2	< 0.2
	31-Aug-05	MAX	8.17	370	218	203	< 1	0.03	2	29	11	27		0.068	0.002	0.17	1	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	381	219	200	2	0.03	< 1	32	12	30	1.1	0.096	0.003	0.22	11	< 0.01	< 0.1
	30-Aug-06	N/A																	
	11-Apr-07	Maxx	8.3	405	211	210	2	0.04	< 1	33	13	31	1	0.14	0.003	0.27	13	< 0.01	< 0.1
	14-Aug-07	Maxx	8.4	386	203	200	1	0.04	< 1	31	13	31	1	0.11	0.002	0.2	14	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 21-I Upper Till 11.0 - 12.5 m	26-Apr-02	Phili	7.82	1535	344	598	326	< 0.01	< 1	136	84.3	62.6	2	0.22	0.025	< 0.03	48.9	< 0.2	< 0.2
	19-Jun-02	Phili	7.69	1444	318	588	311	< 0.01	< 1	133	83.2	61.7	2	0.24	0.035	< 0.03	46.8	< 0.2	1
	12-Aug-02	Phili	7.48	1445	310	594	310	< 0.01	< 1	135	81.6	62.2	< 1	0.12	0.031	< 0.03	47.5	< 0.2	< 0.2
	04-Nov-02	Phili	7.6	1388	306	603	295	< 0.01	< 1	136	82.3	63.7	2	0.17	0.024	< 0.03	47	< 2	< 0.2
	22-Apr-03	Phili	7.71	1613	302	586.9	362	< 0.01	< 1	131	88.3	62.4	1	0.19	0.021	< 0.03	49.8	< 0.2	< 0.2
	23-Jun-03	Phili	7.76	1503	300	603.5	310	0.01	< 1	141	80.2	60.8	1	0.35	0.047	0.11	47.6	< 0.2	< 0.2
	02-Sep-03	Phili	7.53	1441	296	576	305	0.02	< 1	129	82.7	61.3	1	0.23	0.031	< 0.03	50	< 0.2	< 0.2
	03-Nov-03	Phili	7.62	1453	317	610.7	369	0.01	< 5	138	97.5	64	1	0.18	0.028	0.03	50.5	< 0.2	< 0.2
	19-Apr-04	Phili	7.71	1438	287	602.3	304	< 0.01	< 1	135	93.2	64	2	0.06	0.022	< 0.03	47.8	< 0.2	< 0.2
	07-Jun-04	Phili	7.55	1443		557.5	300	0.009	< 1	129	77.8	57	1.4	0.34	0.034	0.03	47.3	< 0.2	< 0.2
	23-Aug-04	Phili	7.85	1632	330	598.7	359	< 0.005	< 1	143	101	58.4	1.5	0.14	0.04	< 0.03	50.4	< 0.2	< 0.2
	02-Nov-04	Phili	7.72	1858	349	681.5	430	< 0.005	< 1	158	120	69.5	1.6	0.15	0.04	< 0.03	53.1	< 0.2	< 0.2
	11-Apr-05	Phili	7.46	1518	296	531.7	298	0.01	< 1	122	79.1	55	1.3	0.26	0.022	0.04	47.9	< 0.2	< 0.2
	21-Jun-05	MAX	7.95	1900	350	629	409	0.03	< 1	155	132	65.5	1.8	0.06	0.036	< 0.05	53.2	< 0.1	< 0.1
	31-Aug-05	MAX	8.01	1650	344	623	319	< 0.01	< 1	130	96	60		0.073	0.016	0.06	42	0.06	0.3
	15-Nov-05	MAX	8.03	1610	327	600	357	< 0.01	< 1	160	140	68	1.8	0.33	0.038	< 0.05	47	< 0.01	< 0.1
	28-Apr-06	Maxx	8.2	1730	339	640	322	< 0.01	< 1	140	120	67	1.8	0.18	0.022	0.17	45	< 0.01	< 0.1
	07-Jun-06	Maxx	8.1	1660	332	630	324	0.01	< 1	140	100	66	1.7	0.066	0.045	< 0.05	51	< 0.01	< 0.1
	30-Aug-06	MAX	8	1790	354	740	380	< 0.01	< 1	170	150	78	1.8	0.25	0.045	< 0.05	55	< 0.01	< 0.1
	24-Nov-06	MAX	8	1520	309	550	305	0.01	< 1	120	78	57	1.5	0.35	0.027	0.37	48	< 0.01	< 0.1
	10-Apr-07	Maxx	8.1	1570	297	640	302	0.01	< 1	140	96	69	1.8	0.31	0.028	0.14	51	< 0.01	< 0.1
	18-Jun-07	Maxx	8.1	1650	308	650	346	< 0.01	< 1	150	120	64	1.8	0.085	0.043	0.09	51	< 0.01	< 0.1
	14-Aug-07	Maxx	8.1	1430	293	620	330	0.01	< 1	140	89	66	1.7	0.17	0.027	< 0.05	48	< 0.01	0.2
	13-Nov-07	Maxx	8.2	1890	319	690	386	0.01	< 1	160	130	71	1.8	0.35	0.046	< 0.05	56	< 0.01	< 0.1
Monitor 21-II Upper Till 7.0 - 8.5 m																			

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 26-I Outwash 0.8 - 2.3 m	22-Apr-03	Dry																	
	23-Jun-03	Dry																	
	02-Sep-03	Dry																	
	03-Nov-03	INV																	
	19-Apr-04	INV																	
	07-Jun-04	Dry																	
	23-Aug-04	INV																	
	02-Nov-04	INV																	
	11-Apr-05	N/A																	
	21-Jun-05	INV																	
	31-Aug-05	Dry																	
	15-Nov-05	Dry																	
	28-Apr-06	INV																	
	28-Apr-06	INV																	
	28-Apr-06	N/A																	
	28-Apr-06	N/A																	
	07-Jun-06	INV																	
	30-Aug-06	INV																	
	24-Nov-06	INV																	
	11-Apr-07	INV																	
	21-Jun-07	INV																	
	14-Aug-07	Dry																	
	13-Nov-07	INV																	

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
28-I
Outwash
0.8 - 2.3 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.25	849	179	363	149	< 0.01	< 1	96.4	34.2	29.6	< 1	0.14	0.005	< 0.03	71.3	< 0.2	1.9
19-Jun-02	Phili	7.31	887	187	382	152	0.01	< 5	103	39.7	29.7	< 1	0.1	0.009	< 0.03	65	< 0.2	< 0.2
22-Apr-03	Phili	7.74	1018	149	414.6	151	0.01	< 1	109	40.9	34.3	< 1	0.08	0.012	0.03	133	< 0.2	9.3
23-Jun-03	Dry																	
02-Sep-03	Dry																	
03-Nov-03	INV																	
19-Apr-04	Phili	7.77	830	138	372	124	0.02	< 1	99.6	36.3	29.8	< 1	0.09	0.011	0.05	89.6	< 0.2	2
07-Jun-04	Dry																	
23-Aug-04	INV																	
02-Nov-04	INV																	
11-Apr-05	INV																	
21-Jun-05	INV																	
31-Aug-05	INV																	
15-Nov-05	INV																	
28-Apr-06	INV																	
07-Jun-06	INV																	
30-Aug-06	INV																	
24-Nov-06	MAX	8.1	1030	229	340	165	0.02	< 1	92	72	28	< 0.2	0.14	0.017	0.2	50	< 0.01	0.6
11-Apr-07	Maxx	8.2	969	241	380	160	0.01	< 1	100	73	33	0.25	0.21	0.014	0.16	20	< 0.1	< 1
21-Jun-07	Maxx	8.2	996	277	380	154	0.02	2	100	83	31	0.32	0.68	0.034	0.24	19	< 0.01	< 0.1
14-Aug-07	INV																	
13-Nov-07	INV																	

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
30-I
Outwash
0.6 - 2.3 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	8.05	998	324	471	139	0.01	< 1	125	36	38.1	< 1	0.45	0.24	0.09	56.4	< 0.2	1
19-Jun-02	Phili	8.01	1015	308	467	141	< 0.01	< 5	121	38.1	39.5	< 1	0.11	0.223	0.04	49.6	< 2	1.4
22-Apr-03	Phili	7.45	870	201	434.1	84	0.01	< 1	118	14.9	33.5	< 1	1.57	0.122	0.23	156	< 0.2	1
23-Jun-03	Dry																	
02-Sep-03	Dry																	
03-Nov-03	Phili	7.11	639	123	330.2	45.5	0.03	< 1	88.3	11.3	26.6	< 1	1.26	0.103	0.21	149	< 0.2	5.3
19-Apr-04	Phili	8.03	1017	293	510.9	153	0.02	< 1	143	34.4	37.1	< 1	0.12	0.152	0.11	56	< 0.2	0.7
07-Jun-04	Dry																	
23-Aug-04	Phili	8.03	1116	294	490.9	187	0.008	< 1	137	43.2	35.7	0.5	0.08	0.179	0.11	51.2	< 0.2	1.9
02-Nov-04	INV																	
11-Apr-05	Phili	7.83	1176	294	488.5	183	0.01	< 1	131	43.1	38.9	0.7	1.21	0.177	0.2	45.1	< 0.2	0.4
21-Jun-05	INV																	
31-Aug-05	INV																	
15-Nov-05	INV																	
28-Apr-06	Maxx	8.3	1210	319	550	187	< 0.01	< 1	140	54	48	0.91	0.82	0.19	0.18	45	0.03	0.4
07-Jun-06	INV																	
30-Aug-06	INV																	
24-Nov-06	INV																	
24-Nov-06	INV						<	<										
24-Nov-06	MAX	8.1	1330	328	520	224	0.01	1	130	60	46	0.99	0.5	0.16	0.28	48	0.02	1
24-Nov-06	MAX	8.1	1330	328	520	224	< 0.01	< 1	130	60	46	0.99	0.5	0.16	0.28	48	0.02	1
11-Apr-07	INV																	
21-Jun-07	Maxx	8.3	1340	318	570	229	< 0.01	< 1	140	67	52	1.1	3.8	0.12	0.24	48	< 0.01	< 0.1
14-Aug-07	INV																	
13-Nov-07	INV																	

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
35-I
Outwash
0.2 - 1.9 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.57	674	361	388	4.6	0.02	< 1	107	1.9	29	2	1.86	0.03	< 0.03	40.5	< 0.2	1.7
19-Jun-02	Phili	7.84	690	351	404	5.3	0.02	< 5	112	1.8	30.2	1	1.56	0.028	< 0.03	40.7	< 0.2	< 0.2
22-Apr-03	Phili	7.65	687	346	373.9	5.1	0.02	< 1	103	1.8	28	1	1.44	0.049	< 0.03	41.1	< 0.2	2.4
23-Jun-03	Phili	7.78	682	348	420.2	6.7	0.02	< 1	121	2.2	28.6	2	1.07	0.055	0.06	31.1	< 0.2	1.9
02-Sep-03	INV																	
03-Nov-03	Phili	7.5	660	342	405	7.7	0.03	< 1	114	2	28.8	1	0.52	0.055	< 0.03	33.1	< 0.2	2.2
19-Apr-04	Phili	7.78	785	404	474.6	6.2	0.03	< 1	131	2.7	35.2	1	0.98	0.037	< 0.03	53.4	< 0.2	3.7
07-Jun-04	Phili	7.42	790		459	5.2	0.03	< 1	130	2.5	32.3	1.6	0.8	0.041	< 0.03	48.9	< 0.2	2.6
23-Aug-04	Phili	7.8	775	408	449.3	5.5	0.02	< 1	128	2.4	30.9	1.6	0.67	0.041	0.03	51.7	< 0.2	2.6
02-Nov-04	Phili	7.96	785	411	445.9	5.6	0.02	< 1	125	2.2	32.1	1.6	0.48	0.047	0.03	55.2	< 0.2	2.5
11-Apr-05	Phili		770	378	409.1	6.3	0.03	< 1	115	2.3	29.1	1.4	0.35	0.036	0.05	36.9	< 0.2	2.7
21-Jun-05	MAX	8.04	771	402	441	3.66	0.03	< 1	124	2.5	30.6	1.7	0.67	0.041	< 0.05	33.6	< 0.1	1.5
31-Aug-05	MAX	8.12	733	422	450	3	0.03	< 1	120	2.7	31		1.4	0.06	< 0.05	28	0.06	1
15-Nov-05	MAX	8.06	650	393	360	4	0.03	< 1	130	2.9	34	1.8	0.67	0.056	< 0.05	38	0.05	1.4
28-Apr-06	Maxx	8.2	737	408	440	14	0.03	< 1	120	3.7	32	1.6	0.51	0.048	0.27	28	0.02	2.2
07-Jun-06	Maxx	8.1	754	408	400	11	0.02	< 1	110	4.1	30	1.7	0.58	0.044	< 0.05	29	0.03	2.6
30-Aug-06	MAX	8.1	760	419	460	11	0.03	< 1	130	5.8	35	2	0.6	0.051	0.06	31	0.04	1.8
24-Nov-06	MAX	8.2	786	417	410	9	0.03	< 1	110	5.9	32	1.7	0.58	0.05	0.11	32	0.02	2.3
11-Apr-07	Froz																	
18-Jun-07	Maxx	8.1	264	133	110	5	0.02	10	11	3	19	2.6	< 0.05	0.004	0.34	8	< 0.01	< 0.1
14-Aug-07	INV																	
13-Nov-07	INV																	

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
37-I
Bedrock
23.0 - 27.5 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	8.22	515	142	180	80.4	0.06	< 1	30	32.6	25.6	< 1	0.12	0.005	0.31	14.4	< 0.2	< 0.2
08-May-02	Phili	8.03	538	139	111	78	0.06	< 1	32.4	31.1	26.4	< 1	0.15	0.005	0.31	15.3	< 0.2	< 0.2
19-Jun-02	Phili	8.27	560	150	197	92.7	0.06	< 5	33.7	31.7	27.5	< 1	0.13	0.007	0.31	14.6	< 0.2	< 0.2
31-Jul-02	Phili	8.13	541	133	196	90.1	0.05		31.7	30.6	26	< 1	0.12	0.005	0.29	14.9	< 0.2	0.2
12-Aug-02	Phili	8.08	552	138	202	85.2	0.06	< 1	34.3	32.7	28.2	< 1	0.18	0.007	0.31	13.8	< 0.2	0.2
26-Sep-02	Phili	8.1	563	137	206	88.9	0.06	< 2	34.9	34.8	28.9	1	0.11	0.006	0.3	14.2	< 0.2	< 0.2
04-Nov-02	Phili	8.19	546	137	197	91.3	0.07	< 1	34.5	35.9	27	2	0.13	0.009	0.31	13.7	< 0.2	< 0.2
22-Apr-03	Phili	8.14	599	133	205.6	112	0.06	1	33.5	34.5	29.5	< 1	0.15	0.007	0.34	13.8	< 0.2	< 0.2
23-Jun-03	Phili	8.05	611	132	214.4	104	0.07	< 1	36.2	35.1	30	1	0.12	0.008	0.34	14.5	< 0.2	< 0.2
02-Sep-03	Phili	8.2	579	122	203.1	107	0.06	< 1	32.4	35.6	29.5	1	0.11	0.006	0.32	13.4	< 0.2	< 0.2
03-Nov-03	Phili	8.07	633	134	231.1	126	0.06	< 1	39	37.6	32.4	< 1	0.12	0.007	0.35	16.1	< 0.2	< 0.2
19-Apr-04	Phili	8.22	641	133	235.2	117	0.06	< 1	37.9	38.2	34.1	1	0.13	0.007	0.53	13	< 0.2	< 0.2
07-Jun-04	Phili	8.11	679		238.2	139	0.06	< 1	40.3	37.1	33.4	0.9	0.16	0.007	0.34	13.7	< 0.2	< 0.2
23-Aug-04	Phili	8.2	660	123	236.9	154	0.06	< 1	37.6	38.4	34.7	0.9	0.14	0.006	0.32	13.2	< 0.2	< 0.2
02-Nov-04	Phili	8.23	715	133	235.1	149	0.06	< 1	39.7	37.3	33	0.9	0.14	0.005	0.37	14.1	< 0.2	< 0.2
11-Apr-05	Phili	8.13	769	122	255.6	164	0.07	< 1	43.4	41.5	35.7	0.9	0.14	0.006	0.38	12.4	< 0.2	< 0.2
21-Jun-05	MAX	8.2	755	131	258	147	0.06	1	45.4	43.9	39.4	1	0.11	0.006	0.41	14.4	< 0.1	< 0.1
31-Aug-05	MAX	8.07	746	139	282	154	0.06	< 1	42	42	36		0.2	0.005	0.37	4	< 0.01	< 0.1
15-Nov-05	MAX	8.06	694	128	280	163	0.06	1	46	46	40	0.98	0.23	0.007	0.34	15	< 0.01	< 0.1
28-Apr-06	Maxx	8.2		142	320	162	0.06	< 1	53	51	46	1.1	0.29	0.007	0.43	14	< 0.01	< 0.1
07-Jun-06	Maxx	8.1	821	138	300	173	0.06	< 1	50	47	43	1.1	0.24	0.007	0.39	16	< 0.01	< 0.1
30-Aug-06	MAX	8.1	850	137	320	183	0.06	< 1	53	54	47	1.1	0.24	0.007	0.48	16	< 0.01	0.2
24-Nov-06	MAX	8.1	908	135	300	193	0.06	< 1	50	48	43	1	0.21	0.006	0.51	16	< 0.01	< 0.1
11-Apr-07	Maxx	8.1	966	133	360	211	0.07	< 1	60	56	51	1.2	0.27	0.008	0.49	17	< 0.01	< 0.1
19-Jun-07	Maxx	8.1	987	127	340	227	0.06	< 1	59	55	48	1.2	0.25	0.007	0.51	18	< 0.01	< 0.1
14-Aug-07	Maxx	8.2	971	124	360	229	0.07	< 1	57	58	53	1.2	0.28	0.007	0.44	16	< 0.01	< 0.1
13-Nov-07	Maxx	8.2	996	125	360	236	0.06	< 1	60	58	52	1.2	0.28	0.007	0.44	16	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
50-I
Bedrock
39.8 - 41.2 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.99	530	232	259	32.8	0.04	< 1	54.5	14.5	29.8	1	0.34	0.023	0.25	26.9	< 0.2	< 0.2
19-Jun-02	Phili	8.04	533	220	260	33.6	0.04	< 1	54.3	14.3	30.2	< 1	0.34	0.022	0.24	25.8	< 0.2	7
12-Aug-02	Phili	7.93	527	214	261	43.3	0.04	< 1	55	14.5	30.1	< 1	0.34	0.021	0.25	26.6	< 0.2	< 0.2
04-Nov-02	Phili	7.97	526	221	247	38.1	0.05	< 1	52.1	16.8	28.5	2	0.35	0.022	0.28	25.2	< 0.2	< 0.2
22-Apr-03	Phili	8.07	567	210	269.8	52.2	0.04	< 1	56.5	14.7	31.1	< 1	0.36	0.024	0.28	25.6	< 0.2	< 0.2
23-Jun-03	Phili	7.91	572	209	281.1	46.6	0.06	< 1	61.4	14.8	30.9	1	0.41	0.03	0.31	25.8	< 0.2	< 0.2
02-Sep-03	Phili	7.96	545	203	272.8	47	0.04	< 1	58.4	14.9	30.7	1	0.34	0.027	0.36	26.2	< 0.2	< 0.2
03-Nov-03	Phili	7.92	538	202	273.1	52.7	0.04	< 1	59.4	15.5	30.2	< 1	0.27	0.027	0.31	25.9	< 0.2	< 0.2
19-Apr-04	Phili	7.93	544	214	278.3	46.4	0.04	< 1	58.7	15	31.9	1	0.24	0.025	0.34	27.1	< 0.2	< 0.2
07-Jun-04	Phili	7.92	559		256.5	50.5	0.04	1	55.6	13.1	28.5	0.9	0.39	0.028	0.24	25.6	< 0.2	< 0.2
23-Aug-04	Phili	8.05	551	211	262.9	50.9	0.04	< 1	54.8	13.7	30.6	0.9	0.36	0.025	0.29	28.3	< 0.2	< 0.2
02-Nov-04	Phili	8.11	573	211	258.7	52.4	0.04	< 1	56	13.9	28.8	0.9	0.41	0.028	0.21	27.4	< 0.2	< 0.2
11-Apr-05	Phili	8.09	562	211	254.2	45.9	0.04	< 1	54.8	13	28.5	0.8	0.32	0.029	0.27	26.2	< 0.2	< 0.2
21-Jun-05	MAX	8.19	581	212	285	53	0.05	< 1	60.4	15.4	32.3	1.1	0.42	0.029	0.41	61	< 0.3	< 0.2
31-Aug-05	MAX	8.18	555	221	284	46	0.04	< 1	62	16	32		0.33	0.028	0.28	13	< 0.01	< 0.1
15-Nov-05	MAX	8.31	499	213	260	45	0.04	< 1	55	18	34	0.95	0.29	0.028	0.23	25	< 0.01	0.1
28-Apr-06	Maxx	8.3	579	228	280	42	0.04	< 1	60	15	32	1	0.33	0.029	0.33	25	< 0.01	< 0.1
07-Jun-06	Maxx	8.2	590	225	280	50	0.04	< 1	59	15	33	1	0.34	0.029	0.3	29	< 0.01	< 0.1
30-Aug-06	MAX	8.2	572	225	290	48	0.04	< 1	61	16	34	0.97	0.35	0.029	0.33	27	< 0.01	< 0.1
24-Nov-06	MAX	8.3	593	228	290	46	0.04	< 1	62	16	34	1.1	0.41	0.033	0.33	27	< 0.01	< 0.1
12-Apr-07	Maxx	8.2	593	217	310	46	0.04	< 1	64	17	37	1.1	0.39	0.034	0.37	28	< 0.01	< 0.1
19-Jun-07	Maxx	8.2	585	217	260	47	0.03	< 1	55	14	28	0.94	0.38	0.028	0.31	28	< 0.01	< 0.1
16-Aug-07	Maxx	8.4	603	212	310	59	0.05	< 1	62	17	37	1.1	0.46	0.033	0.32	30	< 0.01	< 0.1
12-Nov-07	Maxx	8.2	564	206	270	44	0.04	< 1	57	17	31	1	0.34	0.03	0.35	23	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor

53-I
Bedrock
21.0 - 22.6 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.88	405	232	204	1.7	0.05	< 1	37.6	11.9	26.7	< 1	0.61	< 0.005	0.47	9.3	< 0.2	< 0.2
19-Jun-02	Phili	8.1	381	220	201	1.6	0.04	< 1	37.3	11.9	26.3	1	0.6	< 0.005	0.45	9.6	< 0.2	0.2
12-Aug-02	Phili	8.1	403	215	201	1.7	0.04	< 1	37.5	11.6	26.1	1	0.6	< 0.005	0.45	9.2	< 0.2	< 0.2
04-Nov-02	Phili	7.95	366	225	193	1.4	0.05	< 1	36.2	13.6	24.9	2	0.59	< 0.005	0.46	9.9	< 0.2	< 0.2
22-Apr-03	Phili	7.94	408	214	199.1	2	0.03	< 1	37.4	11.3	25.6	< 1	0.58	< 0.005	0.5	9.1	< 0.2	< 0.2
23-Jun-03	Phili	7.9	406	217	201.2	1.7	0.05	< 1	38.6	11.8	25.3	2	0.65	0.005	0.48	9.5	< 0.2	< 0.2
02-Sep-03	Phili	8.03	375	219	199.6	1.6	0.03	< 1	37.1	11.6	25.8	1	0.54	< 0.005	0.49	9.2	< 0.2	< 0.2
03-Nov-03	Phili	7.97	355	216	200.9	1.9	0.04	< 1	37.8	11.7	25.8	< 1	0.61	< 0.005	0.5	9.2	< 0.2	< 0.2
19-Apr-04	Phili	7.94	368	219	205.3	1.5	0.05	< 1	38.2	11.8	26.6	< 1	0.6	< 0.005	0.45	9.1	< 0.2	< 0.2
07-Jun-04	Phili	8.01	401		187.8	2	0.04	1	35.3	11.1	24.1	0.9	0.62	< 0.005	0.46	9.2	< 0.2	0.2
23-Aug-04	Phili	8.17	380	220	191.2	2.1	0.04	< 1	37.3	11	23.7	0.8	0.59	< 0.005	0.49	9.4	< 0.2	< 0.2
02-Nov-04	Phili	8.18	389	219	189.9	1.8	0.04	< 1	36.1	10.9	24.2	0.9	0.59	< 0.005	0.47	9.3	< 0.2	< 0.2
11-Apr-05	Phili	7.87	416	208	193.6	1.8	0.04	< 1	37.2	10.4	24.4	0.8	0.55	< 0.005	0.46	9	< 0.2	< 0.2
21-Jun-05	MAX	8.24	397	218	202	1.36	0.06	1	39.5	12	25.8	1.1	0.5	0.003	0.48	8.7	< 0.1	< 0.1
31-Aug-05	MAX	8.17	389	232	213	1	0.04	< 1	36	11	25		0.59	0.003	0.45	3	< 0.01	< 0.1
15-Nov-05	MAX	8.2	347	219	190	2	0.04	< 1	39	13	29	1	0.68	0.004	0.4	8	< 0.01	< 0.1
28-Apr-06	Maxx	8.4	416	237	210	2	0.04	< 1	40	12	27	0.98	0.58	0.004	0.66	6	< 0.01	< 0.1
07-Jun-06	Maxx	8.3	416	232	210	2	0.04	< 1	40	12	26	0.95	0.59	0.004	0.47	10	< 0.01	< 0.1
30-Aug-06	MAX	8.2	415	233	200	4	0.03	< 1	39	11	25	0.97	0.56	0.003	0.52	10	< 0.01	< 0.1
24-Nov-06	MAX	8.1	418	231	200	2	0.04	< 1	39	12	26	0.89	0.6	0.003	0.7	9	< 0.01	< 0.1
10-Apr-07	Maxx	8.3	429	227	230	3	0.04	< 1	43	15	31	1.1	0.61	0.003	0.57	9	< 0.01	< 0.1
18-Jun-07	Maxx	8.4	415	223	210	3	0.04	< 1	40	12	26	1	0.59	0.003	0.5	10	< 0.01	< 0.1
13-Aug-07	Maxx	8.3	411	223	220	3	0.04	< 1	41	13	28	0.95	0.58	0.003	0.56	9	< 0.01	< 0.1
14-Nov-07	Maxx	8.3	415	219	210	3	0.04	< 1	40	12	27	0.94	0.63	0.003	0.56	9	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 53-II Lower Till 13.9 - 15.4 m	26-Apr-02	Phili	8.07	359	204	93.2	4.1	0.19	< 1	24.6	50.7	7.67	< 1	0.03	0.032	0.13	3.4	< 0.2	0.2
	19-Jun-02	Phili	8.1	344	189	103	4.1	0.18	< 1	28.9	49.9	7.66	1	0.05	0.022	< 0.03	3.3	< 0.2	< 0.2
	12-Aug-02	Phili	8.09	349	185	95	3.9	0.17	< 1	25.5	47.3	7.57	1	0.02	0.025	0.03	2.5	< 0.2	< 0.2
	04-Nov-02	Phili	8.11	341	197	92.4	4.1	0.18	< 1	24.7	50.2	7.41	2	0.04	0.03	0.07	3.5	< 0.2	< 0.2
	22-Apr-03	Phili	8.14	356	186	86.3	4.7	0.17	< 1	22.7	48.4	7.16	1	0.02	0.022	0.13	3.8	< 0.2	0.6
	23-Jun-03	Phili	7.94	365	197	102.8	3.8	0.19	< 5	28.2	46.8	7.81	1	0.03	< 0.005	< 0.03	2.9	< 0.2	< 0.2
	02-Sep-03	Phili	8	336	184	93.1	3.7	0.16	< 1	25.6	47.7	7.03	< 1	0.01	0.006	0.03	3.2	< 0.2	< 0.2
	03-Nov-03	Phili	8.19	346	172	132.3	6.4	0.14	< 1	37.7	42.6	9.25	1	0.05	0.015	0.08	14.8	< 0.2	1.3
	19-Apr-04	Phili	7.82	666	197	246.9	44.9	0.13	< 1	69.3	57.2	17.8	2	< 0.01	< 0.005	< 0.03	75.3	< 0.2	7.4
	07-Jun-04	Phili	7.87	909		309.9	116	0.07	< 1	88.3	70.7	21.6	1.6	0.1	0.108	0.14	27.8	< 0.2	0.6
	23-Aug-04	Phili	8	792	267	268.8	86.8	0.11	1	75.8	65.5	19.3	1.6	0.03	0.034	0.05	38.6	< 0.2	0.3
	02-Nov-04	Phili	8.08	655	214	245.6	44.4	0.08	< 1	73.9	32	14.8	3.1	< 0.03	0.01	< 0.03	72.4	< 0.2	0.3
	11-Apr-05	Phili	7.7	655	214	217.5	44.6	0.13	< 1	62.7	54.9	14.8	2.1	< 0.03	< 0.005	< 0.03	49.5	< 0.2	0.3
	21-Jun-05	MAX	8.13	449	192	128	16.8	0.15	< 1	39.4	54.9	11.9	1.6	< 0.05	0.026	0.11	19.6	< 0.1	0.5
	31-Aug-05	MAX	8.13	465	217	155	18	0.14	< 1	37	49	11		< 0.05	0.006	0.05	15	< 0.01	< 0.1
	15-Nov-05	MAX	8.32	483	219	180	24	0.14	< 1	54	54	12	1.6	< 0.05	0.005	< 0.05	30	< 0.01	0.3
	28-Apr-06	Maxx	8.2	848	250	330	59	0.09	< 1	97	55	22	1.9	< 0.05	0.002	0.09	45	< 0.01	10
	07-Jun-06	Maxx	8.2	793	272	320	66	0.1	< 1	95	62	21	1.9	< 0.05	0.005	< 0.05	52	< 0.01	4.4
	30-Aug-06	MAX	8.1	653	244	240	42	0.14	< 1	67	59	16	1.7	< 0.05	0.042	< 0.05	48	< 0.01	0.3
	24-Nov-06	MAX	8.1	711	261	280	38	0.13	< 1	83	52	19	1.6	< 0.05	0.055	0.18	53	< 0.01	3.8
	10-Apr-07	Maxx	8.2	679	244	290	38	0.11	1	85	46	19	2	< 0.05	0.013	0.13	40	< 0.01	3.7
Monitor 53-IIR Lower Till 13.4 - 15.2 m	18-Jun-07	Maxx	8.2	629	192	210	32	0.11	3	55	100	17	3.8	< 0.05	0.087	0.85	83	< 0.01	0.1
	13-Aug-07	Maxx	8.2	475	179	140	29	0.11	< 1	36	52	12	2	< 0.05	0.076	0.59	31	< 0.01	< 0.1
	14-Nov-07	Maxx	8.3	485	180	130	25	0.12	< 1	34	51	12	1.8	0.11	0.089	0.58	32	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
54-I
Bedrock
25.9 - 27.4 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	8.06	409	226	209	1.2	0.08	< 1	36	10.2	28.9	< 1	0.17	< 0.005	0.17	14.5	< 0.2	< 0.2
19-Jun-02	Phili	8.1	382	218	229	2.1	0.07	< 1	42.6	10	29.7	1	0.21	0.008	0.15	14.8	< 0.2	< 0.2
12-Aug-02	Phili	8.08	403	213	209	1.2	0.06	< 1	36.2	9.4	28.7	1	0.21	< 0.005	0.16	13.9	< 0.2	< 0.2
04-Nov-02	Phili	7.92	373	219	199	0.7	0.08	< 1	35	11.5	27.2	3	0.18	< 0.005	0.15	14.5	< 0.2	< 0.2
22-Apr-03	Phili	8	405	211	198.3	0.9	0.05	< 1	33.8	9.3	27.5	< 1	0.18	< 0.005	0.17	14.3	< 0.2	< 0.2
23-Jun-03	Phili	8.16	399	213	204.6	1.1	0.06	2	35.5	10.5	28.1	< 1	0.21	< 0.005	0.18	14.9	< 0.2	< 0.2
02-Sep-03	Phili	8.02	379	206	213.5	1.1	0.05	< 1	38.6	9.2	28.3	1	0.19	0.007	0.17	15.8	< 0.2	< 0.2
03-Nov-03	Phili	8.05	355	207	205.5	1.7	0.05	< 1	35.4	9.4	28.4	< 1	0.19	< 0.005	0.17	14.9	< 0.2	< 0.2
19-Apr-04	Phili	8.13	402	218	196.8	1.2	0.23	< 1	34.3	24.6	26.9	< 1	0.08	< 0.005	0.14	17.5	< 0.2	< 0.2
07-Jun-04	Phili	7.93	409		195.5	1.6	0.10	< 1	35.3	12.2	26	1.2	0.15	< 0.005	0.14	14.7	< 0.2	< 0.2
23-Aug-04	Phili	8.1	377	203	198.7	1.4	0.06	< 1	34.2	9.5	27.5	1	0.22	< 0.005	0.21	15.3	< 0.2	< 0.2
02-Nov-04	Phili	8.18	391	211	194.9	1.6	0.06	< 1	34.7	9.3	26.2	1	0.17	< 0.005	0.16	14.8	< 0.2	< 0.2
11-Apr-05	Phili	7.97	435	215	195.2	2.7	0.12	< 1	35.7	14.4	25.7	1.2	0.1	< 0.005	0.16	16.2	< 0.2	< 0.2
21-Jun-05	MAX	8.2	410	213	207	1.46	0.08	< 1	35.2	10.8	26.6	1	0.15	0.003	0.19	14.6	< 0.1	< 0.1
31-Aug-05	MAX	8.15	391	227	219	2	0.05	2	39	10	31		0.17	0.004	0.19	2	< 0.01	< 0.1
15-Nov-05	MAX	8.15	351	214	200	2	0.05	< 1	39	9.8	28	1.2	0.19	0.004	0.16	16	< 0.01	< 0.1
28-Apr-06	Maxx	8.2	410	230	230	3	0.07	< 1	39	13	31	1.3	0.22	0.004	0.21	14	< 0.01	< 0.1
07-Jun-06	Maxx	8.2	414	228	220	2	0.06	< 1	38	11	30	1.2	0.14	0.004	0.19	17	< 0.01	< 0.1
30-Aug-06	MAX	8.2	415	228	190	3	0.05	< 1	33	9.1	26	0.95	0.12	0.004	0.3	16	< 0.01	< 0.1
24-Nov-06	MAX	8.3	418	228	220	2	0.05	< 1	37	9.8	30	1.1	0.18	0.003	0.28	16	< 0.01	< 0.1
10-Apr-07	Maxx	8.3	433	219	230	4	0.06	< 1	39	11	33	1.1	0.13	0.005	0.29	17	< 0.01	< 0.1
18-Jun-07	Maxx	8.2	437	225	200	5	0.08	< 1	38	16	27	1.5	0.06	0.003	0.18	19	< 0.01	0.2
14-Aug-07	Maxx	8.4	420	216	210	4	0.06	< 1	37	9.8	30	1.1	0.16	0.004	0.22	17	< 0.01	< 0.1
12-Nov-07	Maxx	8.3	426	214	200	4	0.05	< 1	36	8.7	27	0.97	0.15	0.005	0.22	17	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
60-I
Lower Till
13.3 - 14.8 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	8.23	386	225	178	1.1	0.02	< 1	21.5	21.2	30.3	1	0.01	0.009	0.19	13	< 0.2	< 0.2
19-Jun-02	Phili	8.2	373	211	185	0.8	0.04	< 1	22.9	19.9	31	< 1	0.03	0.009	0.16	12.5	< 0.2	< 0.2
12-Aug-02	Phili	8.06	375	207	187	0.8	0.04	< 1	22.5	17.8	31.7	< 1	0.01	0.006	0.13	13.4	< 0.2	< 0.2
04-Nov-02	Phili	8.46	355	206	186	1.1	0.04	< 1	22.3	19.3	31.7	1	0.02	0.008	0.17	12.3	< 0.2	< 0.2
22-Apr-03	Phili	8.23	389	206	174	1.2	0.03	< 1	20.5	18.9	29.7	< 1	0.01	0.009	0.19	12.4	< 0.2	< 0.2
23-Jun-03	Phili	8.24	389	198	192	1.2	0.04	< 1	26.5	17.1	30.5	1	0.02	0.011	0.14	13.9	< 0.2	< 0.2
02-Sep-03	Phili	8.1	367	198	174.6	1.2	0.04	< 1	20.5	18.8	29.8	1	0.03	0.007	0.2	14	< 0.2	< 0.2
03-Nov-03	Phili	8.18	356	205	185.8	1.2	0.03	< 1	23.4	17.3	30.9	< 1	< 0.01	0.007	0.12	13.6	< 0.2	< 0.2
19-Apr-04	Phili	8.22	359	205	186.7	0.9	0.03	< 1	24.2	17.7	30.6	2	0.01	0.009	0.18	13	< 0.2	< 0.2
07-Jun-04	Phili	8.12	379		172	1.2	0.04	< 1	22	19.9	28.4	0.9	0.04	0.009	0.17	12.5	< 0.2	< 0.2
23-Aug-04	Phili	8.31	366	204	164.1	1.2	0.03	< 1	21	17.4	27.1	0.8	0.04	0.007	0.21	13.7	< 0.2	< 0.2
02-Nov-04	Phili	8.35	370	201	163.3	1	0.04	< 1	19.9	17.1	27.6	0.8	< 0.03	0.007	0.3	12.8	< 0.2	< 0.2
11-Apr-05	Phili	8.24	397	202	165.5	1.3	0.04	< 1	21.6	18.4	27.1	0.8	0.03	0.007	0.17	13.8	< 0.2	< 0.2
21-Jun-05	MAX	8.25	382	207	192	1.13	0.03	1	23.5	19.1	32.4	1	< 0.05	0.004	0.26	12.1	< 0.1	< 0.1
31-Aug-05	MAX	8.3	369	218	182	< 1	0.04	< 1	20	19	28		< 0.05	0.007	0.24	1	< 0.01	< 0.1
15-Nov-05	MAX	8.18	356	177	170	< 1	0.04	< 1	20	24	29	0.85	< 0.05	0.008	0.21	44	< 0.01	< 0.1
28-Apr-06	Maxx	8.4	395	220	180	1	0.04	< 1	22	21	31	0.99	< 0.05	0.007	0.28	12	< 0.01	< 0.1
07-Jun-06	Maxx	8.5	395	221	180	< 1	0.04	< 1	22	18	31	0.91	< 0.05	0.006	0.18	14	< 0.01	< 0.1
30-Aug-06	MAX	8.3	380	217	210	1	0.05	< 1	23	25	37	0.98	< 0.05	0.007	0.32	13	< 0.01	< 0.1
24-Nov-06	MAX	8.3	403	223	200	1	0.04	< 1	24	18	33	0.98	< 0.05	0.006	0.24	14	< 0.01	< 0.1
10-Apr-07	Maxx	8.3	408	213	200	2	0.04	< 1	24	22	34	1	< 0.05	0.006	0.23	15	< 0.01	< 0.1
20-Jun-07	Maxx	8.3	398	209	180	2	0.04	< 2	22	20	30	0.99	< 0.05	< 0.002	0.09	16	< 0.01	0.2
16-Aug-07	Maxx	8.3	378	207	180	2	0.04	< 1	21	18	31	0.91	< 0.05	0.006	0.32	13	< 0.01	< 0.1
15-Nov-07	Maxx	8.4	393	205	190	2	0.04	< 1	21	18	32	0.92	< 0.1	0.007	0.22	14	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
60-II
Upper Till
10.7 - 12.2 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	8.11	463	258	187	4.1	< 0.01	< 1	29.8	33.8	27.3	< 1	< 0.01	< 0.005	< 0.03	22.9	< 0.2	< 0.2
19-Jun-02	Phili	8.09	490	246	184	4.2	0.03	< 1	30.8	42.3	26.1	2	< 0.01	< 0.005	< 0.03	25.8	< 0.5	< 0.2
12-Aug-02	Phili	7.97	480	240	174	4.6	0.02	< 1	28.1	40.4	25.3	1	< 0.01	< 0.005	< 0.03	30.2	< 0.2	< 0.2
04-Nov-02	Phili	8.17	469	234	190	4.4	0.03	< 1	30.7	39.6	27.5	2	< 0.01	< 0.005	< 0.03	25.2	< 0.2	< 0.2
22-Apr-03	Phili	8.13	452	223	170.2	4.4	0.02	< 1	26.9	29.3	24.9	< 1	< 0.01	< 0.005	< 0.03	19.5	< 0.2	< 0.2
23-Jun-03	Phili	7.98	471	230	179.7	4.3	0.02	< 1	29	38.4	25.9	2	< 0.01	< 0.005	< 0.03	23.7	< 0.2	< 0.2
02-Sep-03	Phili	8.06	469	227	182.2	4.4	0.03	< 1	30.3	38.4	25.8	1	< 0.01	< 0.005	< 0.03	28.4	< 0.2	< 0.2
03-Nov-03	Phili	8.15	471	235	190.4	5.4	0.03	< 1	32.7	39.9	26.3	< 1	< 0.01	< 0.005	< 0.03	30.2	< 0.2	< 0.2
19-Apr-04	Phili	8.23	444	230	189.5	4.1	0.03	< 1	32.2	32.2	26.4	2	< 0.01	< 0.005	0.09	19.9	< 0.2	< 0.2
07-Jun-04	Phili	8.11	469		170	5.2	0.03	1	28.7	37.8	23.8	1.2	< 0.03	< 0.005	< 0.03	23.8	< 0.2	< 0.2
23-Aug-04	Phili	8.3	485	238	138.2	7.6	0.04	< 1	23.3	55.4	19.4	1.2	< 0.03	< 0.005	< 0.03	28.7	< 0.2	< 0.2
02-Nov-04	Phili	8.34	481	225	167.5	5.6	0.06	< 1	27.9	39.4	23.7	1.2	< 0.03	< 0.005	< 0.03	28.1	< 0.2	< 0.2
11-Apr-05	Phili	8.26	460	222	165.2	5.7	0.03	< 1	27.8	31	23.2	1.1	< 0.03	< 0.005	0.03	20.4	< 0.2	< 0.2
21-Jun-05	MAX	8.17	474	235	180	4.76	0.05	< 1	51.2	39.3	27.4	1.2	0.77	0.067	< 0.05	21.4	< 0.1	< 0.1
31-Aug-05	MAX	8.19	462	248	182	5	0.04	< 1	150	46	44		2.7	0.3	< 0.05	26	< 0.01	< 0.1
15-Nov-05	MAX	8.28	430	217	180	5	0.04	< 1	29	46	28	1.3	< 0.05	< 0.002	< 0.05	47	< 0.01	< 0.1
28-Apr-06	Maxx	8.3	463	244	210	5	0.04	< 1	35	35	29	1.4	0.18	0.013	0.13	18	< 0.01	< 0.1
07-Jun-06	Maxx	8.3	484	250	170	5	0.05	< 1	28	43	25	1.3	< 0.05	< 0.002	< 0.05	24	< 0.01	< 0.1
30-Aug-06	MAX	8.3	474	250	200	6.9	0.06	< 1	32	51	31	1.4	< 0.05	< 0.002	0.08	27	< 0.01	< 0.1
24-Nov-06	MAX	8.2	495	248	190	6	0.05	< 1	31	41	28	1.4	< 0.05	< 0.002	0.09	28	< 0.01	< 0.1
10-Apr-07	Maxx	8.3	498	235	210	8	0.06	< 1	33	40	30	1.5	< 0.05	0.003	0.13	25	< 0.01	< 0.1
20-Jun-07	Maxx	8.3	488	239	180	7	0.06	< 2	30	45	27	1.4	< 0.05	< 0.002	0.08	26	< 0.01	< 0.1
16-Aug-07	Maxx	8.3	492	234	180	8	0.08	< 1	29	47	27	1.5	< 0.05	< 0.002	< 0.05	30	< 0.01	< 0.1
15-Nov-07	Maxx	8.2	492	233	210	7	0.06	< 1	36	42	29	1.4	0.19	0.014	0.06	27	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor

60-III
Upper Till
0.6 - 5.2

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.82	862	289	387	106	< 0.01	< 1	109	32.5	27.5	1	< 0.01	0.015	< 0.03	20	< 0.2	< 0.2
19-Jun-02	Phili	7.61	1015	392	480	100	0.04	< 1	125	37.9	40.5	2	0.03	0.338	0.1	39	< 0.2	< 0.2
12-Aug-02	Phili	7.41	1367	479	677	151	0.12	< 1	154	50.5	70.7	4	< 0.01	0.17	0.27	129	< 0.2	< 0.2
04-Nov-02	Phili	7.41	1409	437	817	154	0.13	< 1	185	54.8	85.7	2	0.39	0.1	< 0.03	217	< 0.2	< 0.2
22-Apr-03	Phili	7.71	859	278	353.9	97.9	0.01	< 1	96.4	37.7	27.4	< 1	0.01	< 0.005	< 0.03	29.3	< 0.2	0.4
23-Jun-03	Phili	7.67	1046	383	466.4	103	0.03	< 1	123	46.6	38.2	2	0.02	0.263	0.08	38.4	< 0.2	< 0.2
02-Sep-03	Phili	7.39	1207	434	598.9	123	0.1	< 1	141	49.5	59.6	3	0.02	0.1	0.08	118	< 0.2	< 0.2
03-Nov-03	Phili	7.89	835	349	382.3	88.2	0.02	< 1	108	47.3	27.3	< 1	0.02	0.019	< 0.03	38.1	< 0.2	< 0.2
19-Apr-04	Phili	7.91	656	331	293.7	24.8	< 0.01	< 1	84.3	41.8	20.1	1	< 0.01	< 0.005	< 0.03	25	< 0.2	< 0.2
07-Jun-04	Phili	7.82	895		403	50	0.03	< 1	110	49.5	30.6	1.7	0.03	0.154	0.1	37.6	< 0.2	< 0.2
23-Aug-04	Phili	7.6	1113	448	526.9	98.1	0.07	< 1	130	54.6	48.9	2.4	< 0.03	0.02	0.05	105	< 0.2	< 0.2
02-Nov-04	Phili	7.8	1236	432	531.6	111	0.1	< 1	131	56.7	49.6	2.2	< 0.03	0.001	< 0.03	136	< 0.2	< 0.2
11-Apr-05	Phili	7.79	878	415	378.2	32	0.01	< 1	111	45.4	24.2	1	< 0.03	< 0.005	< 0.03	34.8	< 0.2	< 0.2
21-Jun-05	MAX	7.98	887	387	385	46	0.02	< 1	107	56.4	32.7	1.7	< 0.05	0.009	0.07	45.7	< 0.1	< 0.1
31-Aug-05	MAX	7.99	1250	448	633	103	0.09	< 1	150	56	55		< 0.05	0.003	< 0.05	163	< 0.01	< 0.1
15-Nov-05	MAX	8.09	836	360	390	64	0.06	< 1	120	57	39	1.9	< 0.05	0.006	< 0.05	77	< 0.01	< 0.1
28-Apr-06	Maxx	8.2	604	323	320	12	0.01	< 1	93	26	21	0.9	< 0.05	< 0.002	< 0.05	17	< 0.01	< 0.1
07-Jun-06	Maxx	8.2	739	378	360	19	0.02	< 1	100	29	26	1.2	< 0.05	< 0.002	< 0.05	27	< 0.01	< 0.1
30-Aug-06	MAX	8.1	802	445	460	19	0.04	< 1	130	34	36	1.7	< 0.05	0.073	< 0.05	24	< 0.01	< 0.1
24-Nov-06	MAX	8.1	858	425	470	31	0.02	< 1	140	27	29	1	< 0.05	< 0.002	0.13	38	< 0.01	< 0.1
10-Apr-07	Maxx	8.2	697	320	360	27	0.01	< 1	100	23	25	1.1	< 0.05	< 0.002	0.17	23	< 0.01	0.2
20-Jun-07	Maxx	8.2	1370	516	660	141	0.1	< 2	150	60	71	3.6	0.24	0.19	0.88	48	< 0.01	< 0.1
16-Aug-07	Maxx	8.2	1460	443	790	164	0.14	< 1	180	60	86	3.5	< 0.05	0.062	0.24	192	< 0.01	0.1
15-Nov-07	Maxx	8.1	866	296	430	66	0.02	< 1	130	22	28	1.1	< 0.1	0.38	0.09	41	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 90-II bedrock 31.4 - 32.9 m	23-Jun-03	Phili	7.86	577	252	285.1	14	0.21	< 1	58.8	20.1	33.5	1	0.05	0.018	0.18	46.4	< 0.2	< 0.2
	02-Sep-03	Phili	7.89	521	246	263.5	9.1	0.14	< 1	50.4	15.2	33.3	1	0.04	0.012	0.16	39.2	< 0.2	< 0.2
	03-Nov-03	Phili	8	484	244	253.4	6.4	0.07	< 1	48.1	11.2	32.3	< 1	0.05	0.008	0.17	32.4	< 0.2	< 0.2
	19-Apr-04	Phili	7.69	564	284	314.9	10.7	0.06	< 1	67.7	11.5	35.4	1	0.06	0.011	0.11	34.1	< 0.2	< 0.2
	07-Jun-04	Phili	7.88	514		269.9	6.7	0.04	< 1	56.1	9.9	31.5	1	0.09	0.009	0.13	28.1	< 0.2	< 0.2
	23-Aug-04	Phili	8.02	474	247	254.7	5.1	0.03	< 1	48.8	9.8	32.2	0.9	0.1	0.008	0.2	28.1	< 0.2	< 0.2
	02-Nov-04	Phili	8.26	462	238	238.1	3.2	0.01	< 1	46.9	7.9	29.4	0.8	0.08	0.007	0.15	26.2	< 0.2	< 0.2
	11-Apr-05	Phili	8.02	540	259	277.9	9.1	0.03	< 1	59.4	8.9	31.4	0.9	0.07	0.007	0.12	30	< 0.2	< 0.2
	21-Jun-05	MAX	8.19	487	248	257	3.05	0.01	< 1	51.4	9.1	32.6	0.9	< 0.05	0.006	0.14	23	< 0.1	< 0.1
	31-Aug-05	MAX	8.15	451	253	259	2	0.02	< 1	47	7.9	31		0.059	0.006	0.13	10	< 0.01	< 0.1
	15-Nov-05	MAX	8.23	391	243	230	3	0.02	< 1	48	8.8	35	0.94	0.14	0.006	0.09	24	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	553	289	310	8	0.02	< 1	69	9.9	33	0.93	0.11	0.008	0.18	29	< 0.01	< 0.1
	07-Jun-06	Maxx	8.2	537	286	300	8	0.02	< 1	67	10	32	0.85	0.082	0.007	0.13	29	< 0.01	< 0.1
	30-Aug-06	MAX	8.2	518	273	250	8	0.02	< 1	51	8.8	29	0.72	0.072	0.007	0.15	26	< 0.01	< 0.1
	24-Nov-06	MAX	8.1	728	328	370	32	0.02	< 1	88	9.5	36	0.9	0.071	0.01	0.16	36	< 0.01	< 0.1
	12-Apr-07	Maxx	8.1	798	373	440	19	0.02	< 1	120	14	35	0.73	< 0.05	0.014	0.11	46	< 0.01	< 0.1
	21-Jun-07	Maxx	8.3	723	354	420	16	0.02	< 1	110	13	35	0.81	0.11	0.013	0.11	43	< 0.01	< 0.1
	15-Aug-07	Maxx	8.4	609	302	330	11	0.02	< 1	78	11	33	0.83	0.1	0.01	0.07	36	< 0.01	< 0.1
	13-Nov-07	Maxx	8.2	522	258	290	6	0.02	< 1	63	9.5	33	0.87	0.15	0.009	0.12	29	< 0.01	< 0.1
Monitor 91-I Bedrock 25.5 - 27.0 m	23-Jun-03	Phili	7.71	1094	230	284.6	185	0.22	< 1	59	110	33.2	1	0.3	0.024	0.24	22.6	< 0.2	< 0.2
	02-Sep-03	Phili	7.89	785	217	259.7	121	0.12	< 1	53.2	71.6	30.7	1	0.31	0.021	0.28	17.4	< 0.2	< 0.2
	03-Nov-03	Phili	7.97	743	217	224.2	122	0.11	< 1	42.9	80	28.4	< 1	0.19	0.017	0.24	17.3	< 0.2	< 0.2
	19-Apr-04	Phili	8.05	1012	254	331.5	191	0.04	< 1	78.8	105	32.7	1	0.06	0.024	0.18	21.6	< 0.2	< 0.2
	07-Jun-04	Phili	7.85	750		244.9	108	0.04	< 1	52.8	59	27.4	0.9	0.05	0.011	0.17	17.7	< 0.2	< 0.2
	23-Aug-04	Phili	8.09	576	206	202.2	66.9	0.04	< 1	38.5	37.9	25.7	0.8	0.08	0.008	0.23	15.3	< 0.2	< 0.2
	02-Nov-04	Phili	8.16	511	208	193.7	42.4	0.04	< 1	35.4	31.7	25.5	0.8	0.07	0.007	0.2	13.5	< 0.2	< 0.2
	11-Apr-05	Phili	7.85	959	242	267.6	158	0.04	< 1	60	80.1	28.5	0.8	< 0.03	0.006	0.18	17.8	< 0.2	< 0.2
	21-Jun-05	MAX	8.29	611	218	218	69.2	0.06	< 1	42.1	49.4	26.8	0.8	< 0.05	0.006	0.22	15.4	< 0.1	< 0.1
	31-Aug-05	MAX	8.09	486	219	211	32	0.04	1	34	30	26		< 0.05	0.005	0.2	1	< 0.01	< 0.1
	15-Nov-05	MAX	8.4	478	212	200	45	0.04	< 1	38	40	27	0.94	0.073	0.005	0.19	14	< 0.01	< 0.1
	28-Apr-06	Maxx	8.1	1060	270	300	167	0.04	< 1	68	110	33	1	< 0.05	0.006	0.2	19	< 0.01	< 0.1
	07-Jun-06	Maxx	8.2	877	256	260	125	0.04	< 1	56	77	28	0.92	< 0.05	0.005	0.18	19	< 0.01	< 0.1
	30-Aug-06	MAX	0	603	229	210	57	0.03	< 1	40	44	26	0.85	< 0.05	0.004	0.26	15	< 0.01	< 0.1
	24-Nov-06	MAX	8.3	470	213	190	23	0.04	< 1	31	26	26	0.76	< 0.05	0.004	0.33	13	< 0.01	< 0.1
	12-Apr-07	Maxx	8.2	434	203	210	13	0.04	< 1	34	24	31	0.87	0.066	0.005	0.3	13	< 0.01	< 0.1
	18-Jun-07	Maxx	8.2	401	199	200	9	0.04	< 1	32	20	28	0.88	0.051	0.004	0.29	14	< 0.01	< 0.1
	15-Aug-07	Maxx	8.4	403	198	200	9	0.04	< 1	31	21	30	0.91	0.077	0.004	0.27	15	< 0.01	< 0.1
	12-Nov-07	Maxx	8.2	388	193	180	8	0.04	< 1	29	19	27	0.8	< 0.1	0.005	0.26	11	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor 92-I Bedrock 32.0 - 33.5 m	23-Jun-03	Phili	8	470	219	211.7	6.1	0.18	7	45.6	25.7	23.6	1	0.04	0.021	0.13	24	< 0.2	0.3
	02-Sep-03	Phili	7.93	396	213	214	3.1	0.05	< 1	46	18.6	24	1	0.55	0.029	0.14	18.3	< 0.2	< 0.2
	03-Nov-03	Phili	7.92	376	215	210.2	3.4	0.03	< 1	45.7	17.4	23.3	< 1	0.44	0.022	0.15	16.4	< 0.2	< 0.2
	19-Apr-04	Phili	8.1	368	208	213.5	1.2	0.03	< 1	47.6	8.5	22.9	1	0.17	0.018	0.14	12.5	< 0.2	< 0.2
	07-Jun-04	Phili	7.84	386		200.3	1.6	0.01	< 1	46.2	7.4	20.5	0.8	0.22	0.007	0.12	10.8	< 0.2	< 0.2
	23-Aug-04	Phili	7.95	372	211	204.4	1.8	0.01	< 1	45.3	7.4	22.1	0.8	0.21	0.007	0.16	16.8	< 0.2	< 0.2
	02-Nov-04	Phili	8.28	383	214	190.1	1.4	0.01	< 1	43.6	6.9	19.7	0.7	0.14	0.007	0.14	10.5	< 0.2	< 0.2
	11-Apr-05	Phili	7.87	411	204	193.3	1.7	0.02	< 1	45.4	7.1	19.3	0.7	0.14	0.007	0.15	11.6	< 0.2	< 0.2
	21-Jun-05	MAX	8.14	391	210	204	1.66	0.04	< 1	47.2	8.3	22.4	0.9	0.18	0.006	0.15	11.7	< 0.1	< 0.1
	31-Aug-05	MAX	8.15	381	222	213	2	0.02	< 1	42	6.9	20		0.2	0.006	0.15	11	< 0.01	< 0.1
	15-Nov-05	MAX	8.34	347	214	210	2	0.02	< 1	47	7.9	23	0.83	0.19	0.007	0.09	10	< 0.01	< 0.1
	28-Apr-06	Maxx	8.3	407	225	220	2	0.01	< 1	49	8.2	23	0.95	0.18	0.007	0.17	10	< 0.01	< 0.1
	07-Jun-06	Maxx	8.3	406	223	210	2	0.02	< 1	47	8.3	23	0.87	0.18	0.006	0.15	12	< 0.01	< 0.1
	30-Aug-06	MAX	8.2	392	222	240	2	0.02	< 1	50	10	28	0.96	0.25	0.007	0.2	11	< 0.01	< 0.1
	24-Nov-06	MAX	8.2	409	223	210	2	0.02	< 1	47	7.8	23	0.84	0.16	0.006	0.24	11	< 0.01	< 0.1
	12-Apr-07	Maxx	8.2	417	202	230	2	0.02	< 1	51	8.3	25	0.96	0.22	0.007	0.22	11	< 0.01	< 0.1
	18-Jun-07	Maxx	8.2	402	213	230	2	0.02	< 1	50	8.5	24	0.97	0.16	0.006	0.19	13	< 0.01	< 0.1
	15-Aug-07	Maxx	8.3	399	209	220	2	0.02	< 1	48	10	24	1.1	0.19	0.007	0.28	11	< 0.01	< 0.1
	14-Nov-07	Maxx	8.2	399	207	190	< 1	0.02	< 1	44	7.2	20	0.82	0.18	0.006	0.16	10	< 0.01	< 0.1
Monitor 93-I Bedrock 24.6 - 28.7 m	12-Nov-07	Maxx	8.3	371	188	130	5	0.06	< 1	27	28	15	0.92	< 0.1	0.008	0.33	8	< 0.01	< 0.1
Monitor 94-I Bedrock 20.6 - 25.2 m	12-Nov-07	Maxx	8.3	443	204	160	8	0.05	< 1	36	28	18	0.94	< 0.1	0.016	0.26	24	0.03	0.3
Monitor 95-I Bedrock 36.2 - 41.0 m	12-Nov-07	Maxx	8.2	774	249	320	69	0.02	< 1	72	55	35	2	< 0.1	0.03	0.26	66	0.04	0.2

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
S281
Outwash

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.74	1504	292	534	345	0.02	< 1	126	98.3	53	2	0.2	0.019	0.03	36.1	< 0.2	0.7
19-Jun-02	Phili	7.8	1463	276	547	349	0.01	< 5	129	100	54.4	1	0.17	0.013	< 0.03	36.2	< 0.5	< 0.2
12-Aug-02	Phili	7.62	1378	268	521	319	0.01	< 1	121	94.9	53.2	1	0.18	0.019	< 0.03	36.8	< 0.2	0.6
04-Nov-02	Phili	7.69	1308	271	480	276	0.03	< 1	112	91.1	48.5	3	0.21	0.023	< 0.03	38	< 2	0.5
22-Apr-03	Phili	7.81	1439	267	487.6	313	0.02	< 1	111	93.4	50.4	1	0.16	0.012	< 0.03	37.2	< 0.2	0.5
23-Jun-03	Phili	7.96	1474	271	494.5	324	0.01	< 1	114	104	50.7	2	0.23	0.019	0.07	36.7	< 0.2	< 0.2
02-Sep-03	Phili	7.8	1388	277	799.7	377	0.02	< 1	186	100	80.7	2	3.79	0.512	0.08	46.5	0.6	< 0.2
03-Nov-03	Phili	7.74	1328	273	676.1	341	0.02	< 5	171	107	60.3	1	1.26	0.153	< 0.03	37.8	< 0.2	0.7
19-Apr-04	Floo																	
07-Jun-04	Floo																	
23-Aug-04	Phili	7.71	1422	269	526	353	0.01	< 1	122	102	53.5	1.4	0.22	0.014	0.05	36	< 0.2	1
02-Nov-04	Phili	7.66	1511	274	534.2	368	0.009	< 1	128	92	52.1	1.4	0.22	0.013	0.05	37.2	< 0.2	0.7
11-Apr-05	Phili	7.61	1633	273	533.2	367	0.02	< 1	127	107	52.2	1.3	0.23	0.015	1.57	38.3	< 0.2	< 0.2
21-Jun-05	MAX	8.03	1590	275	531	320	0.03	< 1	137	116	52.9	1.5	0.24	0.011	0.18	38.4	< 1	0.7
31-Aug-05	MAX	8.01	1430	291	525	291	0.02	< 1	130	110	53		0.23	0.013	< 0.05	29	< 0.01	0.4
15-Nov-05	MAX	8.09	1310	282	480	280	0.02	< 1	120	110	53	1.6	0.22	0.019	< 0.05	29	< 0.01	0.5
28-Apr-06	Maxx	8.1	1440	303	530	242	0.01	< 1	130	100	51	1.4	0.23	0.017	0.05	33	< 0.01	0.4
07-Jun-06	Maxx	8.2	1400	292	500	261	0.02	< 1	120	97	49	1.4	0.26	0.013	0.16	36	< 0.01	0.5
30-Aug-06	MAX	8.1	1350	306	500	257	0.02	< 1	120	98	48	1.4	0.25	0.013	0.06	38	< 0.01	0.4
24-Nov-06	MAX	8.1	1380	310	460	249	0.02	< 1	110	94	45	1.3	0.23	0.011	0.11	37	< 0.01	0.3
12-Apr-07	Maxx	8.1	1360	301	500	232	0.02	< 1	120	100	49	1.2	0.15	0.015	0.11	39	< 0.01	0.3
19-Jun-07	Maxx	8.1	1330	298	490	236	0.02	< 1	120	97	47	1.3	0.41	0.027	0.11	39	< 0.01	0.2
14-Aug-07	Maxx	8.1	1300	297	470	256	0.02	< 1	110	100	48	1.5	0.32	0.016	0.05	37	< 0.01	0.2
13-Nov-07	Deco																	

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor

C2-I
Outwash
7.5 - 9.0 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.73	948	282	442	96.7	< 0.01	< 1	107	31.8	42.1	< 1	1.49	0.036	0.22	125	< 0.2	< 0.2
19-Jun-02	Phili	7.95	964	256	479	93.3	0.02	< 1	117	33.9	44.8	2	1.99	0.044	0.19	142	< 2	< 0.2
12-Aug-02	Phili	7.58	951	250	471	100	0.01	< 1	116	34.9	43.9	1	1.93	0.038	0.21	140	< 0.2	< 0.2
04-Nov-02	Phili	7.66	915	261	475	94	0.02	< 1	116	32	44.8	1	1.93	0.034	0.22	122	< 0.2	< 0.2
22-Apr-03	Phili	7.75	1008	249	461	111	0.02	< 1	113	31.8	43.2	2	1.82	0.041	0.22	129	< 0.2	< 0.2
23-Jun-03	Phili	7.76	999	257	526	112	0.03	< 5	137	33.1	44.6	< 1	1.74	0.055	0.25	125	< 0.2	< 0.2
02-Sep-03	Phili	7.63	954	240	466.6	113	0.02	< 1	115	32.9	43.3	1	1.94	0.041	0.25	120	< 0.2	< 0.2
03-Nov-03	Phili	7.78	929	254	466.3	120	0.02	< 1	114	33.2	43.7	< 1	2.13	0.038	0.23	114	< 0.2	< 0.2
19-Apr-04	Phili	7.82	958	242	450.1	120	0.02	< 1	110	34.6	42.5	1	< 0.01	0.04	0.15	120	< 0.2	< 0.2
07-Jun-04	Phili	7.52	1035		474.2	127	0.02	< 1	119	35.1	43	1.2	2.28	0.043	0.23	129	< 0.2	< 0.2
23-Aug-04	Phili	7.95	1019	247	459.5	126	0.01	< 1	117	35.4	40.4	1.1	2.18	0.039	0.27	151	< 0.2	< 0.2
02-Nov-04	Phili	7.73	1071	250	481.4	127	0.008	< 1	118	34.5	45	1.1	2.23	0.039	0.27	145	< 0.2	< 0.2
11-Apr-05	Phili	7.55	1108	248	454.9	130	0.02	< 1	119	37.1	38.2	1.1	1.8	0.042	0.26	161	< 0.2	< 0.2
21-Jun-05	MAX	8	1100	251	479	115	0.01	1	125	45	45.4	1.3	2.15	0.042	0.39	152	< 0.1	< 0.1
31-Aug-05	MAX	8.09	1050	267	505	120	0.02	< 1	120	42	45		2.1	0.039	0.3	140	< 0.01	< 0.1
15-Nov-05	MAX	8.15	958	255	480	120	0.02	< 1	120	43	45	1.2	2.3	0.042	0.24	158	< 0.01	< 0.1
28-Apr-06	Maxx	8.1	1110	277	480	137	0.02	< 1	120	41	41	1.2	2.3	0.042	0.33	124	< 0.01	< 0.1
07-Jun-06	Maxx	8.2	1110	275	500	142	0.02	< 1	130	49	46	1.3	2.1	0.04	0.3	130	< 0.01	< 0.1
30-Aug-06	MAX	8.1	1090	284	510	140	0.02	< 1	130	48	46	1.3	2.5	0.041	0.35	118	< 0.01	< 0.1
24-Nov-06	MAX	8.1	1140	283	500	147	0.02	< 1	130	47	46	1.4	2.5	0.042	0.39	104	< 0.01	< 0.1
10-Apr-07	Maxx	8.1	1170	281	520	158	0.02	< 1	130	58	49	1.4	2.1	0.044	0.38	106	< 0.01	< 0.1
18-Jun-07	Maxx	8.3	1110	281	520	147	0.02	< 1	130	52	47	1.4	2.4	0.041	0.38	91	< 0.01	< 0.1
13-Aug-07	Maxx	8.1	1130	269	490	160	0.02	< 1	120	55	46	1.4	2.3	0.04	0.43	103	< 0.01	< 0.1
14-Nov-07	Maxx	8.2	1160	273	510	156	0.02	< 1	130	57	46	1.4	2.4	0.042	0.33	91	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
C6-I
Outwash
10.0 - 11.5 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.6	4412	388	541	1210	0.02	< 1	152	740	38.8	3	0.01	0.839	< 0.03	49.3	< 2	1.2
19-Jun-02	Phili	7.68	4263	366	510	1210	0.04	< 1	144	735	36.4	3	0.12	0.696	< 0.03	49.4	< 0.2	< 0.2
12-Aug-02	Phili	7.47	4116	360	518	1180	0.03	< 1	147	716	36.2	2	0.05	0.739	< 0.03	50	< 2	1.3
04-Nov-02	Phili	7.53	3393	370	528	1100	< 0.1	< 1	146	679	39.2	< 10	< 0.1	0.772	< 0.03	48.9	< 4	1
22-Apr-03	Phili	7.54	4076	397	569.1	1080	< 0.1	< 1	158	710	42	< 10	< 0.1	0.724	< 0.03	50.9	< 2	< 0.2
23-Jun-03	Phili	7.63	3593	373	463.3	1090	0.04	< 5	130	691	33.1	2	0.05	0.688	< 0.03	50.8	< 2	0.6
02-Sep-03	Phili	7.5	3505	361	445.1	1100	0.03	< 1	125	605	31.9	2	0.07	0.665	< 0.03	51.5	< 0.2	0.6
03-Nov-03	Phili	7.73	3096	374	442.4	1150	0.04	< 1	125	802	31.3	2	0.05	0.584	< 0.03	52.3	< 2	1.1
19-Apr-04	Phili	7.69	3380	367	461.7	997	0.07	< 1	129	643	33.3	3	0.04	0.675	< 0.03	49.3	< 1	1.5
07-Jun-04	Phili	7.42	3593		443.8	1090	0.06	< 1	126	601	31.2	2.2	0.1	0.698	< 0.03	50	< 2	1.7
23-Aug-04	Phili	7.73	3472	376	432.5	1030	< 0.05	< 1	124	595	29.5	2.1	0.41	0.716	< 0.03	51.8	< 2	1.1
02-Nov-04	Phili	7.55	3658	376	445.1	1060	0.04	< 1	125	558	32.1	2.1	0.03	0.727	< 0.03	51.9	< 2	1.3
11-Apr-05	Phili	7.36	3980	357	479.7	1090	0.07	< 1	135	643	34	1.8	< 0.3	0.757	< 0.03	51.4	< 2	1.4
21-Jun-05	MAX	8.09	3760	366	408	964	0.06	< 1	123	591	30.3	2.3	< 0.05	0.719	< 0.05	53.5	< 5	1.8
31-Aug-05	MAX	8.06	3520	390	434	940	< 0.1	< 1	130	680	33		< 0.5	0.69	< 0.05	41	0.02	1.1
15-Nov-05	MAX	8.08	3270	367	410	996	0.04	< 1	120	630	33	2.2	< 0.05	0.75	< 0.05	50	0.02	1.1
28-Apr-06	Maxx	8.1	3700	397	520	952	0.11	< 1	140	700	39	2.6	0.062	0.78	0.12	43	0.01	0.7
07-Jun-06	Maxx	8.2	3880	385	460	1010	0.06	< 1	130	730	33	2.3	0.064	0.73	0.07	51	< 0.01	1.1
30-Aug-06	MAX	8	3700	387	470	1050	0.05	< 1	130	660	34	2.3	< 0.05	0.77	0.07	49	0.02	0.9
24-Nov-06	MAX	8	3540	414	460	951	0.12	< 1	130	600	35	2.2	< 0.05	0.83	0.13	46	0.01	0.7
10-Apr-07	Maxx	8.1	3360	401	480	831	0.12	1	130	590	39	2.5	< 0.05	0.73	0.18	45	0.01	0.7
18-Jun-07	Maxx	8.1	3110	386	410	779	0.06	< 1	110	510	29	2.2	0.061	0.65	0.17	44	0.02	0.7
13-Aug-07	Maxx	8.2	2940	394	400	813	0.09	< 1	110	550	32	2.1	0.086	0.65	0.21	43	0.01	0.6
13-Nov-07	Maxx	8.2	2990	399	420	811	0.1	< 1	120	510	32	2.2	< 0.1	0.74	0.12	39	0.01	0.5

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor
C9-I
Outwash
5.8 - 7.3 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard.	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.55	974	453	426	49	1.38	< 1	118	58.7	31.7	1	3.02	0.079	1.97	70.5	< 0.2	< 0.2
19-Jun-02	Phili	7.76	935	398	412	42.2	1.34	< 1	115	56	30.3	2	3.57	0.076	1.94	49.2	< 0.2	< 0.2
12-Aug-02	Phili	7.39	887	373	406	44	1.29	< 1	114	52.3	29.4	1	3.1	0.075	1.93	89.7	< 0.2	0.2
04-Nov-02	Phili	7.49	851	358	406	37.8	1.34	< 1	113	51.5	29.7	1	2.89	0.073	1.91	89.2	< 0.2	< 0.2
22-Apr-03	Phili	7.71	893	334	370	45.7	1.12	< 1	103	44.8	27	1	0.03	0.072	1.87	108	< 0.2	< 0.2
23-Jun-03	Phili	7.6	913	345	402.9	42.3	1.31	< 5	113	49.1	29	1	3.14	0.083	1.93	113	< 0.2	< 0.2
02-Sep-03	Phili	7.38	869	322	392.4	36.9	1.18	< 1	109	45.3	29	< 1	2.98	0.075	2	119	< 0.2	< 0.2
03-Nov-03	Phili	7.64	840	337	397.7	42.6	1.2	< 1	110	45.9	29.4	< 1	3.08	0.076	1.88	121	< 0.2	< 0.2
19-Apr-04	Phili	7.7	854	326	431.8	35.3	1.16	< 1	122	43.4	30.3	2	1.22	0.085	1.96	124	< 0.2	< 0.2
07-Jun-04	Phili	7.41	912		410.2	41.9	1.12	< 1	115	43.2	29.4	1.1	3.39	0.085	1.92	138	< 0.2	< 0.2
23-Aug-04	Phili	7.77	897	328	406.5	45.4	1.05	< 1	116	42	28.1	1	2.9	0.079	2.03	144	< 0.2	< 0.2
02-Nov-04	Phili	7.58	898	346	401.5	37	0.94	< 1	112	36	29.4	1	2.5	0.075	1.95	119	< 0.2	< 0.2
11-Apr-05	Phili	7.41	907	357	399.7	36.4	1.03	< 1	114	35.8	27.4	0.9	2.19	0.078	1.88	104	< 0.2	< 0.2
21-Jun-05	MAX	8.09	913	376	426	38.3	0.97	< 1	126	37.2	29.3	1.1	2.82	0.084	2.07	104	< 0.1	< 0.1
31-Aug-05	MAX	8.01	871	401	445	27	0.87	< 1	120	35	30		2	0.087	1.69	94	< 0.01	< 0.1
15-Nov-05	MAX	8.11	806	380	420	31	0.96	< 1	120	39	31	1.1	3.5	0.083	1.99	93	< 0.01	< 0.1
28-Apr-06	Maxx	8.1	940	424	480	34	0.99	< 1	140	38	33	1.2	0.3	0.097	2.25	91	< 0.01	< 0.1
07-Jun-06	Maxx	8	967	427	440	32	0.85	< 1	120	37	32	1.1	1.4	0.083	1.93	90	< 0.01	< 0.1
30-Aug-06	MAX	7.9	930	446	510	32	0.94	< 1	140	39	36	1.2	4.2	0.091	2.29	88	< 0.01	< 0.1
24-Nov-06	MAX	8.1	988	444	490	31	0.91	< 1	130	34	36	1.2	3.9	0.087	2.22	88	< 0.01	< 0.1
10-Apr-07	Maxx	8.1	1010	410	510	33	0.89	3	150	35	35	1.3	4.1	0.098	2.29	99	< 0.01	< 0.1
18-Jun-07	Maxx	8.1	962	408	510	34	0.83	< 1	140	36	37	1.3	3.8	0.098	2.3	103	< 0.01	< 0.1
13-Aug-07	Maxx	8.2	939	376	500	35	0.83	< 1	140	34	37	1.3	4	0.095	2.34	123	< 0.01	< 0.1
13-Nov-07	Maxx	8.2	940	364	480	33	0.82	< 1	140	31	34	1.2	3.6	0.097	2.2	116	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

Monitor

C10-I
Outwash
6.9 - 8.5 m

		General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
26-Apr-02	Phili	7.58	966	348	467	54.2	0.84	< 1	104	36.3	50.1	< 1	2.13	0.055	1.05	148	< 0.2	< 0.2
19-Jun-02	Phili	7.8	948	318	471	53.9	0.86	< 1	106	37.4	50.1	2	2.74	0.051	1.02	145	< 0.2	< 0.2
12-Aug-02	Phili	7.51	929	320	474	55.8	0.86	< 1	106	36.4	50.5	1	2.16	0.052	1.02	150	< 0.2	< 0.2
04-Nov-02	Phili	7.55	904	315	483	48.4	0.86	< 1	108	36.2	51.3	1	2.29	0.05	1.11	142	< 0.2	< 0.2
22-Apr-03	Phili	7.68	973	327	461.6	63.4	0.71	< 1	100	34.5	50.8	< 1	1.99	0.042	0.96	135	< 0.2	< 0.2
23-Jun-03	Phili	7.73	962	317	485.3	58.9	0.87	< 1	114	35	48.6	1	2.79	0.063	1.14	148	< 0.2	< 0.2
02-Sep-03	Phili	7.42	929	307	462.9	52.3	0.84	< 1	105	33.7	48.2	1	2.28	0.054	1.17	157	< 0.2	< 0.2
03-Nov-03	Phili	7.71	900	316	474.3	71.6	0.75	< 1	108	35.7	49.3	< 1	2.21	0.053	0.96	143	< 0.2	< 0.2
19-Apr-04	Phili	7.74	896	309	490.1	56	0.76	< 1	107	35.7	53.7	2	1.95	0.059	1.02	138	< 0.2	< 0.2
07-Jun-04	Phili	7.43	957		458.7	64.1	0.82	< 1	106	31	46.7	1.1	2.91	0.055	1.08	154	< 0.2	< 0.2
23-Aug-04	Phili	7.76	938	310	468.9	66.9	0.85	< 1	111	31.7	46	1.1	2.88	0.055	1.18	157	< 0.2	< 0.2
02-Nov-04	Phili	7.64	964	319	485.2	64.6	0.83	< 1	111	29.8	50	1.1	2.89	0.056	1.12	154	< 0.2	< 0.2
11-Apr-05	Phili	7.4	996	307	432.2	64.1	0.79	< 1	108	27.2	38.9	1	2.4	0.056	1.17	131	< 0.2	< 0.2
21-Jun-05	MAX	8.34	974	311	477	67.1	0.79	< 1	113	33.3	48.1	1.2	2.64	0.056	1.21	139	< 0.1	< 0.1
31-Aug-05	MAX	8.04	976	329	510	75	0.74	< 1	110	34	50		2.6	0.057	1.19	147	< 0.01	< 0.1
15-Nov-05	MAX	8.01	920	314	500	86	0.73	< 1	120	39	52	1.2	2.9	0.061	1.04	150	< 0.01	< 0.1
28-Apr-06	Maxx	8.2	1020	338	490	72	0.73	< 1	120	31	46	1.1	2.9	0.061	1.21	119	< 0.01	< 0.1
07-Jun-06	Maxx	8.1	1040	329	500	73	0.83	< 1	120	34	50	1.2	2.6	0.06	1.22	140	< 0.01	< 0.1
30-Aug-06	MAX	8.1	1000	330	490	75	0.77	< 1	120	33	47	1.2	3.3	0.064	1.4	146	< 0.01	< 0.1
24-Nov-06	MAX	8.1	1050	329	480	76	0.81	< 1	110	33	48	1.2	2.8	0.058	1.27	142	< 0.01	< 0.1
10-Apr-07	Maxx	8.1	1080	317	580	87	0.86	2	140	40	57	1.5	3	0.074	1.36	153	< 0.01	< 0.1
18-Jun-07	Maxx	8.1	1030	318	530	82	0.8	< 1	130	37	51	1.3	3.2	0.072	1.34	141	< 0.01	< 0.1
13-Aug-07	Maxx	8.1	1030	318	530	85	0.79	< 1	130	38	52	1.4	3.3	0.069	1.6	146	< 0.01	< 0.1
13-Nov-07	Maxx	8.2	1070	310	490	90	0.8	< 1	120	33	46	1.2	3.2	0.068	1.42	143	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - General Analysis - Eastview Road Landfill Site

			General Parameters				Critical Leachate Indicator			Leachate Indicator Parameters							Other Constituents		
	Date		pH	Cond-uctivity	Alk. as CaCO3 mg/L	Hard. mg/L	Cl mg/L	B mg/L	Phenol ug/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	Fe mg/L	Mn mg/L	NH3-N mg/L	SO4 mg/L	NO2-N mg/L	NO3-N mg/L
	ODWS	Lab	6.5-8.5(a		30-500 a	80-100 a	250 a	5.0 h			200 a			0.30 a	0.05 a		500 a	1.0 h	10 h
Monitor C11-I Outwash 5.9 - 7.4 m	26-Apr-02	Phili	7.37	1005	365	514	56.9	0.09	< 1	147	26.2	35.7	< 1	1.21	0.533	0.57	158	< 0.2	< 0.2
	19-Jun-02	Phili	7.4	1022	337	537	60.6	0.08	< 1	154	28.4	36.7	1	1.74	0.552	0.55	174	< 0.2	< 0.2
	12-Aug-02	Phili	7.33	958	312	530	53.2	0.05	< 1	149	25.6	38.3	< 1	1.15	0.586	0.58	188	< 0.2	< 0.2
	04-Nov-02	Phili	7.34	1061	332	575	97.5	0.05	< 1	155	38.1	45.2	< 1	0.64	0.649	0.76	156	< 0.2	< 0.2
	22-Apr-03	Phili	7.36	1116	321	596.7	68.8	0.07	< 1	169	27.8	42	< 1	0.86	0.671	0.7	215	< 0.2	< 0.2
	23-Jun-03	Phili	7.49	1204	321	618.3	70.6	0.07	< 2	176	32.1	42.8	1	< 0.01	0.604	0.71	278	< 0.2	< 0.2
	02-Sep-03	Phili	7.27	1011	316	517	72.6	0.05	< 1	140	28.7	40.2	1	0.66	0.635	0.76	159	< 0.2	< 0.2
	03-Nov-03	Phili	7.44	988	323	556.6	57.1	0.08	< 1	155	26.8	40.8	< 1	1.06	0.659	0.68	230	< 0.2	< 0.2
	19-Apr-04	Phili	7.39	1069	294	630.5	61.5	0.08	< 1	183	31.3	41.9	2	1.81	0.642	0.61	258	< 0.2	< 0.2
	07-Jun-04	Phili	7.16	1103		566.5	81.8	0.08	< 1	167	27.9	35.7	1.2	2.65	0.556	0.6	229	< 0.2	< 0.2
	23-Aug-04	Phili	7.74	1014	303	537.2	73.2	0.09	< 1	158	26.3	34.1	1.2	2.5	0.505	0.65	210	< 0.2	< 0.2
	02-Nov-04	Phili	7.45	989	305	515.5	49.4	0.05	< 1	145	22.7	37.1	1.2	1.61	0.506	0.56	191	< 0.2	< 0.2
	11-Apr-05	Phili	7.11	1210	395	532.9	99	0.07	< 1	161	40.6	31.5	1.2	2.37	0.454	0.66	136	< 0.2	< 0.2
	21-Jun-05	MAX	8.05	1060	364	514	70.4	0.07	< 1	154	35.4	35.5	1.4	2.22	0.41	0.6	143	< 0.1	< 0.1
	31-Aug-05	MAX	8.02	1080	335	566	89	0.05	< 1	140	33	39		1.4	0.48	0.75	164	< 0.01	< 0.1
	15-Nov-05	MAX	8.07	929	324	540	70	0.05	< 1	140	34	41	1.1	1.1	0.55	0.72	174	< 0.01	< 0.1
	28-Apr-06	Maxx	8.2	1140	378	550	75	0.06	< 1	160	43	34	1.3	2.5	0.49	0.72	144	< 0.01	< 0.1
	07-Jun-06	Maxx	7.9	1090	361	510	77	0.06	< 1	150	45	34	1.2	2.4	0.43	0.63	135	< 0.01	< 0.1
	30-Aug-06	MAX	8	1020	367	480	80	0.06	< 1	140	41	31	1.3	2.5	0.41	0.69	109	< 0.01	< 0.1
	24-Nov-06	MAX	7.8	1090	389	470	88	0.06	< 1	140	48	31	1.3	2.3	0.39	0.73	83	< 0.01	< 0.1
	10-Apr-07	Maxx	8	1190	428	560	105	0.06	2	170	55	36	1.6	2.6	0.42	0.66	71	< 0.01	< 0.1
	18-Jun-07	Maxx	8.2	1100	424	530	87	0.07	< 1	150	52	36	1.5	3.1	0.37	0.65	65	< 0.01	< 0.1
	13-Aug-07	Maxx	8	1030	336	530	82	0.06	< 1	150	34	38	1.4	1.7	0.39	0.74	135	< 0.01	< 0.1
	13-Nov-07	Maxx	8.1	1380	350	570	177	0.05	< 1	150	79	45	1.3	1.2	0.53	0.95	117	< 0.01	< 0.1

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Reletaed Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements															
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 2-I Outwash 9.8 - 10.4 m	26-Apr-02	Philip	0.006	< 0.5	< 0.005	< 0.03	0.058	< 0.0005	< 0.005	0.014	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Jun-02	Philip	0.006	< 0.5	< 0.005	< 0.03	0.058	< 0.0005	< 0.005	0.015	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.013
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.057	< 0.0005	< 0.005	0.013	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	0.013	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.053	< 0.0005	< 0.005	0.012	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.007
	23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.06	< 0.0005	< 0.005	0.014	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.054	< 0.0005	< 0.005	0.011	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.055	< 0.0005	< 0.005	0.013	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.048	< 0.0005	< 0.005	0.014	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.042
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.065	< 0.001	< 0.0001	0.018	< 0.005	< 0.0005	0.002	0.003	< 0.0005	< 0.0005	0.006
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	0.005	0.057	< 0.001	0.0002	0.017	< 0.005	< 0.0005	0.002	0.002	< 0.0005	0.0006	0.006
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	0.009	0.06	< 0.0005	< 0.0001	0.017	< 0.005	< 0.0005	0.002	0.002	< 0.0005	< 0.0005	0.022
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.058	< 0.0005	< 0.0001	0.018	< 0.005	0.0009	0.002	0.002	< 0.0005	< 0.0005	0.005
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.057	< 0.0005	< 0.0001	0.019	< 0.005	0.008	0.002	0.002	< 0.0005	< 0.001	0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.057	< 0.0005	< 0.0001	0.019	< 0.005	< 0.001	0.002	0.001	< 0.0005	< 0.001	< 0.005
	15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.06	< 0.0005		0.022	< 0.005	< 0.001	0.002	0.002	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.061	< 0.0005		0.02	< 0.005	< 0.001	0.002	0.003	< 0.0005	< 0.001	0.022
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			0.002			0.007
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.002			0.006
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.002			0.011
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			0.001			0.008
	18-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.01
	13-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.007
	13-Nov-07	Maxx	< 0.1	< 1							< 0.005			0.003			0.008
Monitor 2-II Outwash 0.2 - 4.6 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.053	< 0.0005	< 0.005	< 0.005	< 0.005	0.006	< 0.02	< 0.02	< 0.05	< 0.005	1.11
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	0.03	0.043	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.356
	02-Sep-03	INV															
	19-Apr-04	INV															
	23-Aug-04	INV															
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	0.008	0.039	< 0.0005	0.0003	0.0006	< 0.005	0.008	< 0.001	0.003	0.0005	< 0.0005	0.709
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.008	0.05	< 0.0005	0.0002	0.001	< 0.005	0.007	< 0.001	0.004	0.0005	< 0.001	0.69
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.024	< 0.0005		< 0.0005	< 0.005	0.008	< 0.001	0.002	< 0.0005	< 0.001	0.16
	30-Aug-06	N/A															
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.092
	13-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.12

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements															
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 4-IR Bedrock 19.4 - 20.9 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.085	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.086	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.013
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.079	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	04-Nov-02	Philip	< 0.1	< 0.5	0.009	0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.08	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.016
	23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	0.07	0.093	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.137
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.085	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.01
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.084	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.018
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.366	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.22
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.091	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	23-Aug-04	Philip	1.2	< 0.5	< 0.0001	< 0.005	0.085	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.084	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.088	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.151	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.016	0.001	< 0.001	< 0.0005	< 0.001	0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.086	< 0.0005	0.005	< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.082	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.091	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	19-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	16-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	15-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
Monitor 4-II Lower Till 13.6 -14.0 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.069	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.062	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.03
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.068	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.063	< 0.0005	< 0.005	0.006	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.015
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.083	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	0.006	0.083	< 0.001	< 0.0001	0.005	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	0.01
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.073	< 0.0005	< 0.0001	0.006	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.067	< 0.0005	< 0.0001	0.005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.09	< 0.0005		0.004	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
Monitor 4-IIR Lower Till 11.9 - 13.7 m	19-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	16-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	15-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
4-IIIR
Upper Till
1.1 - 4.1 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.05	1.4	< 0.05	< 0.3	0.264	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
19-Jun-02	Philip	< 0.05	2.4	< 0.05	< 0.3	0.325	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
12-Aug-02	Philip	< 1	< 0.5	< 0.05	< 0.3	0.327	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
04-Nov-02	Philip	< 1	< 5	< 0.05	< 0.3			< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
22-Apr-03	Philip	< 1	2.7	< 0.05	< 0.3	0.317	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
23-Jun-03	Philip	< 0.5	3.3	< 0.05	< 0.5	0.367	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
02-Sep-03	Philip	< 0.5	< 0.5	< 0.05	< 0.5	0.364	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
03-Nov-03	Philip	< 0.5	2.6	< 0.005	< 0.05	0.275	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Apr-04	Philip	< 1	< 5	< 0.005	< 0.05	0.293	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
07-Jun-04	Philip	< 1	2	< 0.001	< 0.05	0.302	< 0.01	< 0.001	< 0.001	< 0.05	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	< 0.05
23-Aug-04	Philip	< 0.4	2.9	< 0.001	0.06	0.241	< 0.01	< 0.001	< 0.001	< 0.05	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	< 0.05
02-Nov-04	Philip	< 0.1	3.9	< 0.001	< 0.05	0.226	< 0.005	< 0.001	< 0.001	< 0.05	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	< 0.05
11-Apr-05	Philip	< 0.5	3	< 0.001	< 0.05	0.233	< 0.005	< 0.001	< 0.001	< 0.05	0.006	< 0.01	< 0.01	< 0.005	< 0.005	< 0.05
21-Jun-05	MAX	< 0.1	< 35	< 0.0005	< 0.005	0.155	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.008	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
31-Aug-05	MAX	< 0.1	47	< 0.05	< 0.05	0.12	< 0.005	< 0.01	< 0.005	< 0.2	< 0.0005	< 0.002	< 0.001	< 0.05	0.001	0.012
15-Nov-05	MAX		< 10	< 0.005	0.053	0.16	< 0.005		< 0.005	< 0.05	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.05
28-Apr-06	Maxx	< 0.1	< 1	< 0.003	< 0.03	0.17	< 0.003		< 0.003	< 0.03	< 0.005	< 0.005	< 0.005	< 0.003	< 0.005	< 0.03
07-Jun-06	Maxx	< 0.1	< 10							< 0.03			< 0.005			< 0.03
30-Aug-06	MAX	< 0.1	1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
10-Apr-07	Maxx	< 0.1	2							< 0.005			< 0.005			< 0.005
19-Jun-07	Maxx	< 0.1	< 10							< 0.005			< 0.001			< 0.005
16-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
15-Nov-07	Maxx	< 0.1	2							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements															
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 5-II Upper Till 1.7 - 7.8 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	0.04	0.092	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.056
	19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.066	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.074	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.008
	04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
	22-Apr-03	Philip	< 1	< 0.5	< 0.005	< 0.03	0.065	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.069	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017
	02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.06	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.007
	03-Nov-03	Philip	< 0.5	0.8	< 0.005	< 0.05	0.063	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.027
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.051	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	07-Jun-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.056	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	0.005
	23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.066	< 0.001	< 0.0001	< 0.0001	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.0005	0.006
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.079	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.0009	< 0.001	< 0.001	< 0.0005	< 0.005	0.008
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.061	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.0005	0.005
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	0.021	0.053	< 0.0005	0.0006	< 0.0005	< 0.005	0.004	< 0.001	< 0.001	< 0.0005	0.001	0.006
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.065	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	15-Nov-05	MAX		< 1	< 0.0005	0.006	0.072	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.058	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	0.008
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.006
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.007
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	13-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	13-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.006
Monitor 9A-I Bedrock 25.1 - 25.9 m	26-Apr-02	Philip	0.026	< 0.5	< 0.005	< 0.03	0.109	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.111	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.097	< 0.0005	< 0.005	< 0.005	0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.105	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.105	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.106	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.01	0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.109	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.01	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.005	0.11	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.011	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.098	< 0.0005		< 0.0005	< 0.005	0.001	0.01	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	15-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements															
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 9-I Outwash 5.5 - 6.8 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.049	< 0.0005	0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.322
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.052	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.431
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.048	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.386
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.048	< 0.0005	< 0.005	< 0.005	< 0.005	0.049	< 0.02	< 0.02	< 0.05	< 0.005	0.363
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.389
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.048	< 0.001	0.0002	< 0.0001	< 0.005	0.002	< 0.001	0.001	< 0.0005	< 0.0005	0.363
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.047	< 0.0005	0.0002	0.0001	< 0.005	0.002	< 0.001	0.001	< 0.0005	< 0.0005	0.356
	31-Aug-05	MAX	< 0.1	< 1	0.007	< 0.005	0.048	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.001	0.001	0.001	< 0.0005	< 0.001	0.26
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.052	< 0.0005		< 0.0005	< 0.005	0.001	< 0.001	0.001	< 0.0005	< 0.001	0.33
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.002			0.29
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.38
	15-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.003			0.38
Monitor 10-II Outwash 3.0 - 3.6 m	26-Apr-02	Philip	0.008	< 0.5	< 0.005	< 0.03	0.403	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.033
	19-Jun-02	Philip	< 0.05	< 0.5	< 0.005	< 0.03	0.458	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.02
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.476	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.007
	04-Nov-02	N/S															
	22-Apr-03	Philip	< 1	< 0.5	< 0.005	< 0.03	0.452	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017
	23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.511	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.019
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	0.1	0.47	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.239
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.499	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.01
	19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.452	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.02
	07-Jun-04	Philip	< 0.5	< 0.5	< 0.0001	< 0.005	0.534	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.005	0.02
	23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.559	< 0.001	< 0.0001	0.0002	< 0.005	0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	0.011
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.609	< 0.0005	< 0.0001	0.0002	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.005	< 0.005
	11-Apr-05	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.533	< 0.0005	< 0.0001	0.0006	< 0.005	0.0006	< 0.001	< 0.001	< 0.0005	< 0.0005	0.014
	21-Jun-05	MAX	< 0.1	< 18	< 0.0005	< 0.005	0.542	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.003	< 0.001	< 0.001	< 0.0005	< 0.001	0.017
	31-Aug-05	INV															
	15-Nov-05	INV															
	28-Apr-06	INV															
	07-Jun-06	INV															
	30-Aug-06	INV															
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.01
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.005			0.017
	19-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.013
	13-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.005			0.006
	14-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
10-III
Outwash/Peat
0.3 - 1.5 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.007	< 0.5	< 0.05	< 0.3	0.141	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
19-Jun-02	Philip	< 0.05	< 0.5	< 0.005	0.04	0.1	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	0.02	< 0.05	< 0.005	0.026
12-Aug-02	Dry															
04-Nov-02	INSV															
22-Apr-03	Philip	< 1	< 0.5	< 0.05	< 0.3	0.086	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.121	< 0.0005	< 0.005	0.005	< 0.005	0.006	< 0.02	< 0.02	< 0.05	< 0.005	0.023
02-Sep-03	INSV															
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.099	< 0.0005	< 0.005	< 0.005	< 0.005	0.008	< 0.02	< 0.02	< 0.05	< 0.005	0.054
19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.078	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.024
07-Jun-04	Philip	< 0.5	< 0.5	< 0.001	0.085	0.162	< 0.01	< 0.001	0.002	< 0.05	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	0.161
23-Aug-04	Philip	< 0.4	< 0.5	< 0.001	0.085	0.135	< 0.01	< 0.001	< 0.001	< 0.05	0.02	< 0.01	< 0.01	< 0.005	< 0.005	0.096
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	0.03	0.113	< 0.0005	< 0.0001	0.0008	< 0.005	0.003	0.002	< 0.001	< 0.0005	< 0.005	0.009
11-Apr-05	Philip	< 0.2	< 0.5	< 0.0001	0.024	0.097	< 0.0005	< 0.0001	0.0009	< 0.005	0.003	0.002	0.001	0.0006	< 0.0005	0.009
21-Jun-05	MAX	< 0.1	< 0.35	< 0.005	0.06	0.12	< 0.005	< 0.001	< 0.005	< 0.05	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.05
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.018	0.1	< 0.0005	< 0.0001	0.0007	< 0.005	0.002	0.002	< 0.001	< 0.0005	< 0.001	0.008
15-Nov-05	MAX		< 1	< 0.0005	0.03	0.1	< 0.0005		< 0.0005	< 0.005	0.002	0.002	0.002	< 0.0005	0.003	0.017
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.033	0.09	< 0.0005		0.0006	< 0.005	0.001	0.001	< 0.001	< 0.0005	< 0.005	0.007
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.007
30-Aug-06	MAX	< 0.1	< 1							< 0.03			< 0.005			< 0.03
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.008
11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
19-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.014
13-Aug-07	Dry															
14-Nov-07	INV															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

	Date		Trace Elements														
			I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 11-I Upper Till 4.6 - 5.8 m	26-Apr-02	Philip	0.007	< 0.5	< 0.005	< 0.03	0.088	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Jun-02	Philip	0.006	< 0.5	< 0.005	< 0.03	0.086	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	0.006	0.033
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.093	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.1
	22-Apr-03	Philip	< 1	< 0.5	< 0.005	< 0.03	0.084	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.06	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.091	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.035
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.093	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.009
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.077	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	07-Jun-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.091	< 0.001	< 0.0001	< 0.0001	< 0.005	0.0009	< 0.001	< 0.001	< 0.0005	< 0.0005	0.009
	23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.087	< 0.001	< 0.0001	< 0.0001	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.093	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.0007	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.079	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.077	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.005	< 0.001	0.001	< 0.0005	< 0.001	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.088	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	15-Nov-05	MAX		< 1	< 0.0005	0.007	0.087	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	0.001	0.007
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.069	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	0.006
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	13-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
Monitor 11-II Outwash 0.2 - 2.9 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.025	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.007
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.024	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.011
	02-Sep-03	INV															
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.02	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.023
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001		0.034	0.031	< 0.001	< 0.0001	0.0003	< 0.005	0.003	< 0.001	< 0.001	0.0006	< 0.0005	0.086
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.019	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.0005	0.011
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.031	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.001	0.008
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.019	< 0.0005		< 0.0005	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.001	0.014
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.009
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.011
	13-Aug-07	Dry															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements															
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 11-III Lower Till 18.5 - 17.0 m	26-Apr-02	Philip	0.008	< 0.5	< 0.005	0.04	0.014	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.015	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	0.05	0.017	0.0008	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.016
	02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.017	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.055
	19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	0.25	0.02	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.394
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	0.012	0.016	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.015	< 0.001	< 0.0005	< 0.0005	0.016
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	0.01	0.019	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.022	< 0.001	< 0.0005	0.0007	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.2	0.026	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.001	0.02	< 0.001	< 0.0005	0.002	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.011	0.023	< 0.0005		< 0.0005	< 0.005	< 0.001	0.023	< 0.001	< 0.0005	0.002	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
Monitor 13-I Bedrock 24.4 - 25.6 m	26-Apr-02	Philip	0.01	< 0.5	< 0.005	< 0.03	0.051	< 0.0005	0.006	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.055	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.051	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.042
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.052	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.049	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.05	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.007	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.052	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.008	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.053	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.008	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.053	< 0.0005		< 0.0005	< 0.005	< 0.001	0.008	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
Monitor 13-II Lower Till 19.5 - 20.1 m	26-Apr-02	Philip	0.041	< 0.5	< 0.005	< 0.03	0.017	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.032	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.022	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	< 0.02	< 0.05	< 0.005	< 0.005
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.036	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.036	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	< 0.02	< 0.05	< 0.005	< 0.005
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	0.009	0.032	< 0.001	< 0.0001	0.0003	< 0.005	< 0.0005	0.041	< 0.001	< 0.0005	0.002	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	0.014	0.033	< 0.0005	< 0.0001	0.0003	< 0.005	< 0.0005	0.048	< 0.001	< 0.0005	0.0008	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.013	0.034	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.044	< 0.001	< 0.0005	0.001	0.006
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.006	0.044	< 0.0005		< 0.0005	< 0.005	< 0.001	0.047	< 0.001	< 0.0005	0.002	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
13-III
Upper Till
7.6 - 8.8 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.011	< 0.5	< 0.005	< 0.03	0.032	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	0.009	< 0.5	< 0.005	0.07	0.034	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	0.124
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.031	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	0.03	0.031	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	0.09	0.037	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.134
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.033	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.028
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.034	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.031	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.037	< 0.001	< 0.0001	< 0.0001	< 0.005	0.0008	0.02	< 0.001	< 0.0005	0.0008	< 0.005
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.035	< 0.001	< 0.0001	< 0.0001	< 0.005	0.002	0.019	< 0.001	< 0.0005	0.0008	< 0.005
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.037	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.0008	0.019	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	0.201	0.039	< 0.0005	< 0.0001	0.0003	< 0.005	0.003	0.019	< 0.001	0.001	0.0009	0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	0.005	0.033	< 0.0005	0.0001	< 0.0005	< 0.005	0.009	0.019	< 0.001	< 0.0005	< 0.001	< 0.005
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.039	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.001	0.019	< 0.001	< 0.0005	0.001	< 0.005
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.035	< 0.0005		< 0.0005	< 0.005	0.001	0.018	< 0.001	< 0.0005	< 0.001	0.009
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.035	< 0.0005		< 0.0005	< 0.005	0.001	0.02	< 0.001	< 0.0005	< 0.001	< 0.005
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
14-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
13-IV
Outwash
4.1 - 5.3 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.032	< 0.5	< 0.05	< 0.3	1.21	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
19-Jun-02	Philip	< 0.05	< 0.5	< 0.05	< 0.3	1.08	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
12-Aug-02	Philip	< 0.5	< 1	< 0.05	< 0.3	1.07	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
04-Nov-02	Philip	< 1	< 0.5	< 0.05	< 0.3			< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
22-Apr-03	Philip	< 1	0.6	< 0.05	< 0.3	1.12	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
23-Jun-03	Philip		< 0.5	< 0.005	0.08	1.1	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.092
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.629	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.016
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.761	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.707	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.008
07-Jun-04	Philip	< 0.5	< 0.5	< 0.001	0.052	0.868	< 0.01	< 0.001	< 0.001	< 0.05	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	0.121
23-Aug-04	Philip	< 0.4	< 0.5	< 0.001	< 0.05	0.76	< 0.01	< 0.001	< 0.001	< 0.05	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	0.088
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.641	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.005	0.007
11-Apr-05	Philip	< 0.5	0.6	< 0.001	< 0.05	1.24	< 0.005	< 0.001	< 0.001	< 0.05	0.006	< 0.01	< 0.01	< 0.005	< 0.005	< 0.05
21-Jun-05	MAX	< 0.1	< 35	< 0.005	< 0.05	1.12	< 0.005	< 0.001	< 0.005	< 0.05	0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.05
31-Aug-05	MAX	< 0.1	< 1	< 0.05	< 0.05	1.1	< 0.005	< 0.0001	< 0.005	< 0.005	< 0.0005	< 0.002	< 0.001	< 0.0005	< 0.005	< 0.001
15-Nov-05	MAX		< 1	< 0.005	< 0.05	1.5	< 0.005		< 0.005	< 0.05	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.05
28-Apr-06	Maxx	< 0.1	< 1	< 0.003	0.19	1.3	< 0.003		< 0.003	< 0.03	< 0.005	< 0.005	< 0.005	< 0.003	< 0.01	< 0.03
07-Jun-06	Maxx	< 0.1	< 1							< 0.03			< 0.005			0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.03			< 0.005			< 0.03
24-Nov-06	MAX	< 0.1	< 1							< 0.03			< 0.005			< 0.03
11-Apr-07	Maxx	< 0.1	< 1							< 0.03			< 0.005			< 0.03
18-Jun-07	Maxx	< 0.1	< 1							< 0.03			< 0.005			< 0.03
14-Aug-07	Maxx	< 0.1	< 1							< 0.03			< 0.005			< 0.03
14-Nov-07	Maxx	< 0.1	< 1							< 0.03			< 0.005			< 0.03

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
13-V
Outwash
0.1 - 2.2 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.053	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.018
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.033	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.022
23-Jun-03	INV															
02-Sep-03	INV															
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.048	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.018
19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.039	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.032
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.073	< 0.001	< 0.0001	0.002	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	0.0005	0.163
23-Aug-04	INV															
02-Nov-04	INV															
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.044	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.0005	0.02
21-Jun-05	INV															
31-Aug-05	INV															
15-Nov-05	MAX		< 1	< 0.0005	0.006	0.031	< 0.0005		< 0.0005	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.001	0.019
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.024	< 0.0005		< 0.0005	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.001	0.015
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.042
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.063
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.019
11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.016
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.045
14-Aug-07	INV															
14-Nov-07	INV															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
14-II
Outwash
4.5 - 5.1 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.069	< 0.5	< 0.005	< 0.03	0.395	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.023
19-Jun-02	Philip	0.057	< 0.5	< 0.005	< 0.03	0.408	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.076
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.404	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.022
04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.008
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.387	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	0.005	0.018
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.438	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.015
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.451	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.063
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.515	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.013
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.499	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.023
07-Jun-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.542	< 0.001	< 0.0001	0.0008	< 0.005	0.0008	< 0.001	0.002	0.0006	< 0.0005	0.026
23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	0.069	0.481	< 0.001	< 0.0001	0.0008	< 0.005	0.0008	0.001	0.002	0.002	0.0007	0.023
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.422	< 0.0005	< 0.0001	0.0005	< 0.005	< 0.0005	0.001	0.001	< 0.0005	< 0.0005	0.012
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.375	< 0.0005	< 0.0001	0.0009	< 0.005	0.002	0.001	0.002	< 0.0005	< 0.0005	0.025
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.375	< 0.0005	< 0.0001	0.0006	< 0.005	0.005	< 0.001	0.003	< 0.0005	< 0.001	0.023
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.47	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.005	0.001	0.001	0.002	< 0.001	0.019
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.61	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	0.002	< 0.0005	0.002	0.023
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.48	< 0.0005		0.0009	< 0.005	0.002	0.001	0.002	< 0.0005	< 0.001	0.029
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.005			0.022
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.018
24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.002			0.021
12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.005			0.027
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.03
13-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.005			0.019
14-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.018

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

	Date		Trace Elements														
			I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 14-III Outwash 0.2 - 2.3 m	26-Apr-02	Philip	0.03	< 0.5	< 0.005	< 0.03	0.059	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.013
	23-Jun-03	INV															
	02-Sep-03	Dry															
	03-Nov-03	INV															
	19-Apr-04	Philip															
	07-Jun-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.133	< 0.001	< 0.0001	0.005	< 0.005	0.0008	< 0.001	0.004	0.0006	0.0009	0.009
	23-Aug-04	Dry															
	02-Nov-04	INV															
	11-Apr-05	INV															
	21-Jun-05	INV															
	31-Aug-05	INV															
	15-Nov-05	INV															
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.049	< 0.0005		0.001	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	0.01
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			0.002			0.01
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.003			0.009
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.013
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.008
	18-Jun-07	Maxx	0.1	< 1							< 0.005			0.003			0.008
	13-Aug-07	INV															
	14-Nov-07	INV															
Monitor 14-IV Bedrock 25.6 - 27.1 m	23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	0.1	0.024	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.216
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.019	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.025
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.025	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	0.11	0.027	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.01
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.031	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.004	< 0.001	< 0.0005	< 0.0005	< 0.005
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.034	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.007	< 0.001	< 0.0005	< 0.0005	< 0.005
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.05	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.009	< 0.001	< 0.0005	< 0.0005	0.007
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.072	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.009	< 0.001	< 0.0005	< 0.0005	< 0.005
	21-Jun-05	MAX	< 0.1	< 35	< 0.0005	< 0.005	0.077	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.008	0.009	< 0.001	< 0.0005	< 0.001	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.079	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.001	0.009	< 0.001	< 0.0005	< 0.001	< 0.005
	15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.067	< 0.0005		< 0.0005	< 0.005	< 0.001	0.008	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.065	< 0.0005		< 0.0005	< 0.005	< 0.001	0.007	< 0.001	< 0.0005	< 0.001	< 0.005
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	13-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	20-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	15-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 15-I Bedrock 25.9 - 27.1 m	26-Apr-02	Philip	0.023	< 0.5	< 0.005	< 0.03	0.088	< 0.0005	0.006	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.079	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.084	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	0.026
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.087	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.089	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	< 0.02	< 0.05	< 0.005	0.009
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.086	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.022	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.091	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.022	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.091	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.021	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.096	< 0.0005		< 0.0005	< 0.005	< 0.001	0.022	< 0.001	< 0.0005	< 0.001	0.006
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
Monitor 15-II Lower Till 19.8 - 21.0 m	26-Apr-02	Philip	0.023	< 0.5	< 0.005	< 0.03	0.054	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	< 0.02	< 0.05	< 0.005	0.015
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.044	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	< 0.02	< 0.05	< 0.005	0.036
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.049	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	< 0.02	< 0.05	< 0.005	0.008
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.05	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	< 0.02	< 0.05	< 0.005	0.01
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	0.014	0.038	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.043	< 0.001	< 0.0005	< 0.0005	0.014
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	0.095	0.043	< 0.0005	< 0.0001	0.0002	< 0.005	0.0007	0.049	< 0.001	0.0008	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.008	0.061	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.045	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.01	0.062	< 0.0005		< 0.0005	< 0.005	< 0.001	0.046	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
15-III
Upper Till
9.0 - 10.2 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.012	< 0.5	< 0.005	< 0.03	0.02	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	0.01	< 0.5	< 0.005	< 0.03	0.021	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.019	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
04-Nov-02	Philip	< 0.1	< 0.5	0.006	0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	0.006	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.018	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.024	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.021	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.021	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.022	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.005
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	0.005	0.023	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.008	< 0.001	< 0.0005	< 0.0005	< 0.005
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	0.014	0.023	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.008	< 0.001	< 0.0005	< 0.0005	0.035
02-Nov-04	Philip	0.1	< 0.5	< 0.0001	< 0.005	0.024	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.008	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.023	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.009	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.022	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.004	0.009	0.002	< 0.0005	< 0.001	0.008
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.021	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.008	< 0.001	< 0.0005	< 0.001	< 0.005
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.022	< 0.0005		< 0.0005	< 0.005	< 0.001	0.009	< 0.001	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.024	< 0.0005		< 0.0005	< 0.005	< 0.001	0.008	< 0.001	< 0.0005	< 0.001	0.006
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
20-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
15-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
15-IV
Outwash
5.6 - 6.8 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.023	< 0.5	< 0.005	< 0.03	0.141	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.097
19-Jun-02	Philip	0.021	< 0.5	< 0.005	< 0.03	0.146	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
12-Aug-02	Philip	0.1	< 0.5	< 0.005	< 0.03	0.141	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.011
04-Nov-02	Philip	< 0.1	< 0.5	0.007	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.094	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.031
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.114	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.009
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.12	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.005
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.113	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.082
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.097	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.008
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.155	< 0.001	< 0.0001	0.0002	< 0.005	< 0.0005	< 0.001	0.001	< 0.0005	0.0006	0.014
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	0.009	0.153	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	0.0006	0.015
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.159	< 0.0005	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.143	< 0.0005	< 0.0001	0.0003	< 0.005	0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	0.007
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.129	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.005	< 0.001	0.002	< 0.0005	< 0.001	0.01
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.13	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.13	< 0.0005		< 0.0005	< 0.005	0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.14	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	0.007
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.009
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.005
12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
20-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.014
14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.007
15-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.006

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements															
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 15-V Fill 0.1 - 2.3 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.04	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.011
	19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.04	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.019
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.046	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.03
	23-Jun-03	Dry															
	02-Sep-03	INV															
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.042	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.117
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.029	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.03
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	0.007	0.062	< 0.001	< 0.0001	0.003	< 0.005	0.004	< 0.001	0.002	< 0.0005	0.0009	0.036
	23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	0.008	0.083	< 0.001	< 0.0001	0.004	< 0.005	0.005	< 0.001	< 0.001	< 0.0005	0.001	0.046
	02-Nov-04	INV															
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.026	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.003	< 0.001	< 0.001	< 0.0005	< 0.0005	0.008
	21-Jun-05	INV															
	31-Aug-05	INV															
	15-Nov-05	INV															
	15-Nov-05	INV		<				<		<	<		<	<	<	<	
	15-Nov-05	MAX		1	0.0005	0.006	0.043	0.0005		0.0005	0.005	0.005	0.001	0.001	0.0005	0.001	0.013
	15-Nov-05	MAX		< 1	< 0.0005	0.006	0.043	< 0.0005		< 0.0005	< 0.005	0.005	< 0.001	< 0.001	< 0.0005	< 0.001	0.013
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.031	< 0.0005		< 0.0005	< 0.005	0.003	< 0.001	< 0.001	< 0.0005	< 0.001	0.012
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.021
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.005			0.041
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.01
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.006
	20-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.025
	14-Aug-07	INV															
	15-Nov-07	INV															
Monitor 16-I Lower Till 13.0 - 15.1 m	26-Apr-02	Philip	0.007	< 0.5	< 0.005	< 0.03	0.03	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.114
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	0.1	0.031	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.019
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.03	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.032	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.03	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.009
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.03	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.01	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.032	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.011	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.16	0.032	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.01	< 0.001	0.0006	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.029	< 0.0005		< 0.0005	< 0.005	< 0.001	0.01	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 16-IV Upper Till 3.8 - 4.4 m	26-Apr-02	Philip	0.076	< 0.5	< 0.005	< 0.03	0.414	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.39	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.309	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
	02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.317	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.164
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.299	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.051
	23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.322	< 0.001	< 0.0001	0.0005	< 0.005	0.0005	< 0.001	0.001	< 0.0005	0.0007	0.011
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.289	< 0.0005	< 0.0001	0.0005	< 0.005	0.001	< 0.001	0.002	< 0.0005	< 0.0005	0.013
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.033	0.31	< 0.0005	< 0.0001	0.0005	< 0.005	0.001	< 0.001	0.002	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.27	< 0.0005		0.0007	< 0.005	0.002	< 0.001	0.003	< 0.0005	< 0.001	0.013
	30-Aug-06	N/A															
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.005			0.019
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.016
Monitor 16-V Fill 0.3 - 2.4 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.044	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.019
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.041	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.022
	02-Sep-03	Dry															
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.039	< 0.0005	< 0.005	< 0.005	< 0.005	0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.021
	23-Aug-04	INV															
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	0.011	0.033	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.002	0.002	< 0.001	< 0.0005	< 0.0005	0.021
	31-Aug-05	INV															
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.017	0.046	< 0.0005		< 0.0005	< 0.005	0.002	0.001	< 0.001	< 0.0005	< 0.001	0.017
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.025
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.016
	14-Aug-07	Dry															
Monitor 16-VI Lower Till 19.2 - 17.6 m	26-Apr-02	Philip	0.009	< 0.5	< 0.005	< 0.03	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.041	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.041	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.041	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	< 0.005
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.042	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.01	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.044	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.011	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.044	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.01	< 0.001	< 0.0005	0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.042	< 0.0005		< 0.0005	< 0.005	< 0.001	0.01	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 16-VII Bedrock 25.5 - 27.0 m	23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.032	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	< 0.005
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.222	< 0.0005	< 0.005	< 0.005	< 0.005	0.008	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.564	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.622	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.548	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.011	< 0.001	< 0.0005	< 0.0005	< 0.005
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.654	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.011	< 0.001	0.002	< 0.0005	0.007
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.66	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.011	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.545	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.014	< 0.001	< 0.0005	< 0.0005	< 0.005
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.65	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.007	0.012	< 0.001	< 0.0005	< 0.001	0.006
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.5	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.01	< 0.001	< 0.0005	< 0.001	0.008
	15-Nov-05	MAX		< 1	< 0.0005	0.008	0.68	< 0.0005		< 0.0005	< 0.005	< 0.001	0.011	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.65	< 0.0005		< 0.0005	< 0.005	< 0.001	0.012	< 0.001	< 0.0005	< 0.001	< 0.005
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	13-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	20-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	15-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
Monitor 17-I Bedrock 24.4 - 25.6 m	26-Apr-02	Philip	0.011	< 0.5	< 0.005	< 0.03	0.046	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.014
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.044	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	0.043
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.044	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.046	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.029
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.039
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.046	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.017	< 0.001	< 0.0005	< 0.0005	0.014
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.046	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.017	< 0.001	< 0.0005	< 0.0005	0.012
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.046	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.001	0.017	< 0.001	< 0.0005	< 0.001	0.013
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.043	< 0.0005		< 0.0005	< 0.005	< 0.001	0.017	< 0.001	< 0.0005	< 0.001	0.015
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.012
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.012
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.01

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 17-II Lower Till 18.6 - 19.2 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.04	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.043	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.061
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.04	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.041	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.039	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.003	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.039	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.003	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.037	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.003	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.037	< 0.0005		< 0.0005	< 0.005	< 0.001	0.003	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
Monitor 17-III Upper Till 5.9 - 7.1 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.068	< 0.0005	0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.067	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.023
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.065	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.07	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.064	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	0.01	0.065	< 0.001	< 0.0001	< 0.0001	< 0.005	0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.019
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.063	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.0007	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.065	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.003	< 0.001	< 0.0005	< 0.001	0.009
	28-Apr-06	Maxx															
	30-Aug-06	INV															
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.007

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
17-IV
Outwash
0.5 - 4.2 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.007	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.007	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.033
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	0.04	0.006	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.083
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.01	0.0008	< 0.005	< 0.005	< 0.005	0.006	< 0.02	< 0.02	< 0.05	< 0.005	0.046
02-Sep-03	INV															
03-Nov-03	Dry															
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.005	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.009
07-Jun-04	INV															
23-Aug-04	INV															
02-Nov-04	INV															
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.005	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	0.015
21-Jun-05	INV															
31-Aug-05	INV															
15-Nov-05	INV															
28-Apr-06	INV															
07-Jun-06	INV															
30-Aug-06	INV															
24-Nov-06	INV	<	<							<			<			
24-Nov-06	INV															
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.023
24-Nov-06	MAX	0.1	1							0.005			0.001			0.023
11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.016
18-Jun-07	INV															
14-Aug-07	Dry															
15-Nov-07	INV															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

	Date		Trace Elements														
			I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 18-III Outwash 0.1 - 2.9 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.023	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.13
	19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	0.06	0.035	< 0.0005	< 0.005	< 0.005	< 0.005	0.012	< 0.02	< 0.02	< 0.05	0.007	0.216
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.05	< 0.3	< 0.05	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	0.167
	23-Jun-03	INV															
	02-Sep-03	INV															
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.041	< 0.0005	0.005	< 0.005	< 0.005	0.01	< 0.02	< 0.02	< 0.05	< 0.005	0.167
	19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.018	< 0.0005	< 0.005	< 0.005	< 0.005	0.006	< 0.02	< 0.02	< 0.05	< 0.005	0.145
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	0.019	0.017	< 0.001	0.0003	< 0.0001	< 0.005	0.006	0.001	0.003	< 0.0005	< 0.0005	0.109
	23-Aug-04	INV															
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	0.009	0.009	< 0.0005	0.0001	< 0.0001	< 0.005	0.004	0.002	< 0.001	< 0.0005	< 0.0005	0.04
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	0.026	0.016	< 0.0005	0.0002	0.0001	< 0.005	0.007	0.001	0.003	< 0.0005	< 0.0005	0.073
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	0.014	0.02	< 0.0005	0.0004	< 0.0005	< 0.005	0.011	0.001	0.004	< 0.0005	< 0.001	0.107
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.013	0.014	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.005	0.001	0.002	< 0.0005	< 0.001	0.033
	15-Nov-05	MAX		< 1	< 0.0005	0.011	0.01	< 0.0005		< 0.0005	< 0.005	0.004	0.001	0.001	< 0.0005	< 0.001	0.03
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.041	0.019	< 0.0005		< 0.0005	< 0.005	0.009	0.001	0.003	< 0.0005	0.002	0.12
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.005			0.32
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.002			0.07
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.003			0.14
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.005			0.11
	18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.005			0.14
	14-Aug-07	INV															
	15-Nov-07	INV															
Monitor 19-I Bedrock 24.6 - 25.8 m	26-Apr-02	Philip	0.009	< 0.5	< 0.005	< 0.03	0.124	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.121	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.12	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.128	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.13	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.037
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.129	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.13	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.12	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.13	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	15-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.001			0.029

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 19-II Lower Till 19.8 - 21.0 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.07	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.072	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.037
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	0.04	0.066	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.02
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.073	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.054
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	0.11	0.063	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.2
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.076	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	0.126	0.077	< 0.0005	< 0.0001	0.0001	< 0.005	< 0.0005	0.002	< 0.001	0.0009	0.0006	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.008	0.06	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.059	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	15-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
Monitor 19-IV Upper Till 6.1 - 8.9 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.025	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.026	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.033
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.031	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.032	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	0.38	0.033	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.027	< 0.001	< 0.0001	< 0.0001	< 0.005	0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.023	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.03	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.024	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.005
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
	13-Aug-07	Maxx															
	15-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.005
Monitor 20-I Bedrock 17.6 - 18.8 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.049	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.032
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.049	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.021
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.046	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.022
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.027
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.047	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.021
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.048	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.019
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.007	0.047	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	0.017
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.049	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	0.022
	30-Aug-06	N/A															
	11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.021
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.016

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 21-I Upper Till 11.0 - 12.5 m	26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.118	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
	19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.12	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.014
	12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.117	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.02
	04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.007
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	0.04	0.119	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.007
	23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	0.09	0.133	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.212
	02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.117	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.01
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.126	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.119	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.092
	07-Jun-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.125	< 0.001	< 0.0001	0.0004	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	0.011
	23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.139	< 0.001	< 0.0001	0.0006	< 0.005	0.0006	< 0.001	< 0.001	< 0.0005	< 0.0005	0.01
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.149	< 0.0005	< 0.0001	0.0006	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	0.015
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.122	< 0.0005	< 0.0001	0.0003	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	0.007
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.133	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.008	< 0.001	0.001	< 0.0005	< 0.001	0.019
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.006	0.12	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.001	0.01
	15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.14	< 0.0005		0.0006	< 0.005	< 0.001	< 0.001	0.004	< 0.0005	0.002	0.018
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.13	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	0.011
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.01
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.012
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.008
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.01
	18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.012
	14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.008
	13-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.014
Monitor 21-II Upper Till 7.0 - 8.5 m																	

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 26-I Outwash 0.8 - 2.3 m	22-Apr-03	Dry															
	23-Jun-03	Dry															
	02-Sep-03	Dry															
	03-Nov-03	INV															
	19-Apr-04	INV															
	07-Jun-04	Dry															
	23-Aug-04	INV															
	02-Nov-04	INV															
	11-Apr-05	N/A															
	21-Jun-05	INV															
	31-Aug-05	Dry															
	15-Nov-05	Dry															
	28-Apr-06	INV															
	28-Apr-06	INV															
	28-Apr-06	N/A															
	28-Apr-06	N/A															
	07-Jun-06	INV															
	30-Aug-06	INV															
	24-Nov-06	INV															
	11-Apr-07	INV															
	21-Jun-07	INV															
	14-Aug-07	Dry															
	13-Nov-07	INV															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
28-I
Outwash
0.8 - 2.3 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	0.03	0.028	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.364
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	0.05	0.033	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.73
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	0.04	0.033	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	1.11
23-Jun-03	Dry															
02-Sep-03	Dry															
03-Nov-03	INV															
19-Apr-04	Philip	< 0.5	< 0.5	0.006	0.06	0.028	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.712
07-Jun-04	Dry															
23-Aug-04	INV															
02-Nov-04	INV															
11-Apr-05	INV															
21-Jun-05	INV															
31-Aug-05	INV															
15-Nov-05	INV															
28-Apr-06	INV															
07-Jun-06	INV															
30-Aug-06	INV															
24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.002			0.82
11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			1.1
21-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.58
14-Aug-07	INV															
13-Nov-07	INV															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
30-I
Outwash
0.6 - 2.3 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.049	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	1.14
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.053	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	1.02
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.027	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	2.79
23-Jun-03	Dry															
02-Sep-03	Dry															
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.027	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	1.66
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.042	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.937
07-Jun-04	Dry															
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.043	< 0.001	< 0.0001	0.001	< 0.005	0.0009	0.002	0.005	< 0.0005	0.0006	0.725
02-Nov-04	INV															
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.051	< 0.0005	< 0.0001	0.0004	< 0.005	0.0007	0.004	0.006	0.001	0.0007	1.03
21-Jun-05	INV															
31-Aug-05	INV															
15-Nov-05	INV															
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.063	< 0.0005		< 0.0005	< 0.005	0.001	0.003	0.004	< 0.0005	0.001	0.57
07-Jun-06	INV															
30-Aug-06	INV															
24-Nov-06	INV															
24-Nov-06	INV	<	<							<						
24-Nov-06	MAX	0.1	1							0.005			0.006			0.24
24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.006			0.24
11-Apr-07	INV															
21-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.003			0.064
14-Aug-07	INV															
13-Nov-07	INV															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
35-I
Outwash
0.2 - 1.9 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.024	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.044
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.026	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	0.045
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.023	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.062
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	0.08	0.029	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.21
02-Sep-03	INV															
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.029	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.131
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.03	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.119
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.035	< 0.001	< 0.0001	0.0002	< 0.005	0.0007	< 0.001	0.002	0.0005	< 0.0005	0.141
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.033	< 0.001	< 0.0001	0.0002	< 0.005	0.0006	< 0.001	0.001	< 0.0005	< 0.0005	0.119
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.032	< 0.0005	< 0.0001	0.0002	< 0.005	0.0008	< 0.001	< 0.001	< 0.0005	< 0.0005	0.09
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.029	< 0.0005	0.0001	0.0002	< 0.005	0.0008	< 0.001	0.001	< 0.0005	< 0.0005	0.104
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.031	< 0.0005	0.0001	< 0.0005	< 0.005	0.004	< 0.001	0.002	< 0.0005	< 0.001	0.107
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.034	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.001	< 0.001	0.002	< 0.0005	< 0.001	0.097
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.031	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	0.006	< 0.0005	< 0.001	0.096
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.007	0.029	< 0.0005		< 0.0005	< 0.005	0.001	< 0.001	0.002	< 0.0005	< 0.001	0.18
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			0.002			0.19
30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.001			0.11
24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.002			0.15
11-Apr-07	Froze															
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.066
14-Aug-07	INV															
13-Nov-07	INV															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
37-I
Bedrock
23.0 - 27.5 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.051	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.005
08-May-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.053	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.007
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.057	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
31-Jul-02	Philip	< 0.005	0.5	0.005	< 0.03	0.052	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.007
12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.055	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.005
26-Sep-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.057	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
04-Nov-02	Philip	< 0.1	< 0.5	0.008	0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.028
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.059	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.015
23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.066	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.025
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.058	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.067	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.033
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.068	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.011
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.079	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.007
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.071	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.006
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.076	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.007
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.083	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.011
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.08	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.004	0.002	< 0.001	< 0.0005	< 0.001	0.011
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.08	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	0.007
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.084	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	0.008
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.094	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	0.012
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.009
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.012
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.012
11-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.013
19-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.013
14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.01
13-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.014

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
50-I
Bedrock
39.8 - 41.2 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.007	< 0.5	< 0.005	< 0.03	0.061	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	0.006	< 0.5	< 0.005	< 0.03	0.063	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.064	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.007
04-Nov-02	Philip	< 0.1	< 0.5	0.008	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.062	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.024
23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.07	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.071
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.064	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.051
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.065	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.071
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.064	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.067	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.063	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.012
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.064	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	0.0001	< 0.005	0.061	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.061	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.004	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
31-Aug-05	MAX	< 0.1	< 1	0.002	< 0.005	0.065	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.001	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.058	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.065	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.009
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
19-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.003			< 0.005
16-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
12-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
53-I
Bedrock
21.0 - 22.6 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.048	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
04-Nov-02	Philip	< 0.1	< 0.5	0.01	0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.01
23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.05	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.015
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.048	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.048	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.048	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.046	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.047	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.048	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.047	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.004	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.044	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
15-Nov-05	MAX		< 1	0.002	0.011	0.047	< 0.0005		< 0.0005	< 0.005	0.001	0.002	< 0.001	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.049	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	0.008
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
13-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
14-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.036

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 53-II Lower Till 13.9 - 15.4 m	26-Apr-02	Philip	0.018	< 0.5	< 0.005	< 0.03	0.038	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Jun-02	Philip	0.015	< 0.5	< 0.005	0.03	0.039	< 0.0005	< 0.005	< 0.005	< 0.005	0.012	< 0.02	< 0.02	< 0.05	< 0.005	0.084
	12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.036	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	04-Nov-02	Philip	< 0.1	< 0.5	0.009	0.05			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	0.006	< 0.005
	22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.035	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.044	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.043
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.041	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.042	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.093
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.063	< 0.0005	< 0.005	< 0.005	< 0.005	0.006	< 0.02	< 0.02	< 0.05	< 0.005	0.005
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	0.008	0.064	< 0.001	< 0.0001	0.0003	< 0.005	0.003	0.005	0.001	< 0.0005	0.0007	0.006
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.081	< 0.001	< 0.0001	0.0002	< 0.005	0.006	0.007	0.002	< 0.0005	0.0009	< 0.005
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.049	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.002	0.004	< 0.001	< 0.0005	< 0.0005	0.008
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.072	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.002	0.006	0.002	< 0.0005	0.0008	< 0.005
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.046	< 0.0005	0.0002	< 0.0005	< 0.005	0.01	0.012	0.002	< 0.0005	0.001	0.008
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.055	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.011	0.002	< 0.0005	0.001	< 0.005
	15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.062	< 0.0005		< 0.0005	< 0.005	0.001	0.01	0.002	< 0.0005	0.001	< 0.005
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.013	0.07	< 0.0005		< 0.0005	< 0.005	0.006	0.006	0.002	< 0.0005	< 0.001	0.017
	07-Jun-06	Maxx	< 0.1	< 1							< 0.03			0.001			0.01
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.002			< 0.005
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.002			0.013
	10-Apr-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.005
Monitor 53-IIR Lower Till 13.4 - 15.2 m	18-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.009
	13-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.002			< 0.005
	14-Nov-07	Maxx	< 0.1	< 1							< 0.005			0.002			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
54-I
Bedrock
25.9 - 27.4 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.056
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.05	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.116
12-Aug-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.058
04-Nov-02	Philip	< 0.1	< 0.5	0.01	0.04			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.062
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.044	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.056
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.051	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.071
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.109
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.062
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.054
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.049	< 0.001	0.0001	0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.061
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.046	< 0.001	0.0001	0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.061
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.048	< 0.0005	< 0.0001	0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.053
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.048	< 0.0005	0.0001	0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	0.055
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.042	< 0.0005	0.0001	< 0.0005	< 0.005	0.004	0.002	< 0.001	< 0.0005	< 0.001	0.059
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.048	< 0.0005	0.0001	< 0.0005	< 0.005	< 0.001	0.002	< 0.001	0.0006	< 0.001	0.061
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.047	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	0.057
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.049	< 0.0005		< 0.0005	< 0.005	< 0.001	0.002	< 0.001	< 0.0005	< 0.001	0.06
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.056
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.055
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.059
10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.054
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.043
14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.056
12-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.055

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
60-I
Lower Till
13.3 - 14.8 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.042	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.044	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.025
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.043	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.04	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.056
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.041	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.041	< 0.0005	0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.01
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.04	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.018
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	0.008	0.046	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.003	< 0.001	< 0.0005	< 0.0005	0.01
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.041	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.055	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.002	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.044	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.003	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.04	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.004	0.002	< 0.001	< 0.0005	< 0.001	0.008
31-Aug-05	MAX		< 1	< 0.0005	< 0.005	0.04	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.003	< 0.001	< 0.0005	< 0.001	< 0.005
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.043	< 0.0005		< 0.0005	< 0.005	< 0.001	0.003	< 0.001	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.05	< 0.0005		< 0.0005	< 0.005	< 0.001	0.003	< 0.001	< 0.0005	< 0.001	< 0.005
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
20-Jun-07	Maxx	< 0.1	3							< 0.005			< 0.001			< 0.005
16-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
15-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
60-II
Upper Till
10.7 - 12.2 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.049	< 0.0005	0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.034
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.046	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
04-Nov-02	Philip		0.1	< 0.5	< 0.005	< 0.03		< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.041	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.049	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.023
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.049	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.013
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.03
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.051	< 0.001	< 0.0001	< 0.0001	< 0.005	0.003	0.006	< 0.001	< 0.0005	0.0006	< 0.005
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.041	< 0.001	< 0.0001	< 0.0001	< 0.005	0.0006	0.008	< 0.001	< 0.0005	0.0008	< 0.005
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.05	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.006	< 0.001	< 0.0005	0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.048	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.002	0.005	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	0.237	0.046	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.005	0.004	< 0.001	0.001	0.001	0.006
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	0.77	0.071	< 0.0005	0.0001	0.001	< 0.005	0.006	0.004	0.002	0.004	0.003	0.013
15-Nov-05	MAX		< 1	< 0.0005	0.006	0.046	< 0.0005		< 0.0005	< 0.005	0.001	0.005	< 0.001	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.22	0.05	< 0.0005		< 0.0005	< 0.005	< 0.001	0.005	< 0.001	< 0.0005	< 0.001	< 0.005
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
20-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
16-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
15-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
60-III
Upper Till
0.6 - 5.2

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	0.019	< 0.5	< 0.005	< 0.03	0.067	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.018
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.103	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.009
04-Nov-02	Philip	0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.04	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.067	0.001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.078
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.08	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.05	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.036	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	0.006	0.063	< 0.001	< 0.0001	0.0006	< 0.005	0.002	< 0.001	0.001	< 0.0005	< 0.0005	0.008
23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	0.01	0.081	< 0.001	< 0.0001	< 0.0001	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.0005	0.03
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.085	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.003	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.049	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.003	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.054	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.007	< 0.001	< 0.001	< 0.0005	< 0.001	0.01
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.082	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.002	< 0.001	< 0.001	0.001	< 0.001	0.007
15-Nov-05	MAX		< 1	< 0.0005	0.008	0.059	< 0.0005		< 0.0005	< 0.005	0.003	< 0.001	0.004	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.035	< 0.0005		< 0.0005	< 0.005	0.002	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
10-Apr-07	Maxx	< 0.1	6							< 0.005			< 0.001			0.005
20-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.001			0.008
16-Aug-07	Maxx	< 0.1	1							< 0.005			0.002			< 0.005
15-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.007

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements															
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 90-II bedrock 31.4 - 32.9 m	23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.045	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	< 0.02	< 0.05	< 0.005	0.078
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.041	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	< 0.02	< 0.05	< 0.005	0.015
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.044	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.047	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	< 0.02	< 0.05	< 0.005	0.112
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.047	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	0.013	0.007	< 0.0005	< 0.0005	0.055
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.045	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.01	0.006	< 0.0005	< 0.0005	0.042
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.045	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.008	0.004	< 0.0005	< 0.0005	0.027
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.048	< 0.0005	< 0.0001	0.0001	< 0.005	0.0006	0.009	0.006	< 0.0005	< 0.0005	0.107
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	0.005	0.044	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.004	0.007	0.004	< 0.0005	< 0.001	0.052
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.045	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.005	0.004	< 0.0005	< 0.001	0.031
	15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.046	< 0.0005		< 0.0005	< 0.005	< 0.001	0.005	0.003	< 0.0005	< 0.001	0.028
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	0.007	0.052	< 0.0005		< 0.0005	< 0.005	0.001	0.006	0.005	< 0.0005	< 0.001	0.12
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			0.005			0.13
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.004			0.085
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.009			0.22
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			0.011			0.5
	21-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.01			0.4
	15-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.007			0.2
	13-Nov-07	Maxx	< 0.1	< 1							< 0.005			0.005			0.12
Monitor 91-I Bedrock 25.5 - 27.0 m	23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.081	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.012
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.072	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.107
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.059	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
	19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.078	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.159
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.064	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	0.012	0.001	< 0.0005	< 0.0005	0.064
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.055	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.008	< 0.001	< 0.0005	< 0.0005	0.027
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.055	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.007	< 0.001	< 0.0005	< 0.0005	0.016
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.069	< 0.0005	< 0.0001	< 0.0001	< 0.005	0.001	0.012	< 0.001	< 0.0005	< 0.0005	0.05
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.049	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.004	0.008	< 0.001	< 0.0005	< 0.001	0.035
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.05	< 0.0005	0.0001	< 0.0005	< 0.005	< 0.001	0.007	< 0.001	< 0.0005	< 0.001	0.014
	15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.053	< 0.0005		< 0.0005	< 0.005	< 0.001	0.006	< 0.001	< 0.0005	< 0.001	0.016
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.074	< 0.0005		< 0.0005	< 0.005	< 0.001	0.012	0.001	< 0.0005	< 0.001	0.065
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			0.001			0.049
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.025
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.009
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.007
	18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.006
	15-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.005
	12-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards

a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

			Trace Elements														
	Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
	ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
Monitor 92-I Bedrock 32.0 - 33.5 m	23-Jun-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.034	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.147
	02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	0.52	0.094	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.087
	03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	0.27	0.081	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.072
	19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	0.06	0.063	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.158
	07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	0.005	0.052	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.003	< 0.001	< 0.0005	< 0.0005	0.061
	23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.05	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.003	< 0.001	< 0.0005	< 0.0005	0.057
	02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.07	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.003	< 0.001	< 0.0005	< 0.0005	0.038
	11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.06	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.003	< 0.001	< 0.0005	< 0.0005	0.051
	21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	0.013	0.058	< 0.0005	0.0002	< 0.0005	< 0.005	0.004	0.003	< 0.001	< 0.0005	< 0.001	0.052
	31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.046	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	0.003	< 0.001	< 0.0005	< 0.001	0.052
	15-Nov-05	MAX		< 1	< 0.0005	0.009	0.052	< 0.0005		< 0.0005	< 0.005	< 0.001	0.003	0.001	< 0.0005	< 0.001	0.067
	28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.049	< 0.0005		< 0.0005	< 0.005	< 0.001	0.003	< 0.001	0.003	< 0.001	0.067
	07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.061
	30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.059
	24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			0.058
	12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.061
	18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.054
	15-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.057
	14-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.058
Monitor 93-I Bedrock 24.6 - 28.7 m	12-Nov-07	Maxx	< 0.1	< 1							< 0.005			0.002			< 0.005
Monitor 94-I Bedrock 20.6 - 25.2 m	12-Nov-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.013
Monitor 95-I Bedrock 36.2 - 41.0 m	12-Nov-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.034

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
S281
Outwash

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.125	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.005
19-Jun-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.13	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.128	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.009
04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	0.04			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.119	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.144	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
02-Sep-03	Philip	< 0.5	< 0.5	< 0.005	1.14	0.154	< 0.0005	< 0.005	< 0.005	< 0.005	0.013	< 0.02	< 0.02	< 0.05	0.007	0.029
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	0.37	0.148	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.008
19-Apr-04	Flood															
07-Jun-04	Flood															
23-Aug-04	Philip	< 0.2	< 0.5	< 0.0001	< 0.005	0.136	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.149	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.134	< 0.0005	< 0.0001	0.0001	< 0.005	0.0006	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.133	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.005	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
31-Aug-05	MAX	< 0.1	< 1	0.006	0.006	0.15	< 0.001	< 0.0005	< 0.005	< 0.001	0.001	< 0.1	< 0.05	< 0.001	< 0.005	< 0.0005
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.16	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.12	< 0.0005		< 0.0005	< 0.005	0.001	< 0.001	< 0.001	< 0.0005	< 0.001	0.006
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.006
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
12-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
19-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.008
14-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
13-Nov-07	Deco															

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor

C2-I
Outwash
7.5 - 9.0 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.135	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	0.005	< 0.5	< 0.005	< 0.03	0.15	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.149	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.145	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	0.12	0.148	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.22
02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.146	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.069
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.151	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.139	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.173	< 0.001	< 0.0001	0.0002	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.156	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.167	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.172	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.164	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.003	< 0.001	< 0.001	< 0.0005	< 0.001	0.013
31-Aug-05	MAX	< 0.1	< 1	< 0.005	< 0.001	0.17	< 0.001	< 0.0005	< 0.005	< 0.001	< 0.05	< 0.1	< 0.05	< 0.001	< 0.005	< 0.0005
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.18	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.16	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	0.001	< 0.005
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
13-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
14-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
C6-I
Outwash
10.0 - 11.5 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	< 0.005	< 0.5	< 0.005	< 0.03	0.19	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.052
19-Jun-02	Philip	< 0.05	< 0.5	< 0.005	< 0.03	0.185	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.055
12-Aug-02	Philip	< 0.5	< 1	< 0.005	< 0.03	0.182	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.12
04-Nov-02	Philip	< 0.1	< 0.5	< 0.05	< 0.3			< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	< 0.05
22-Apr-03	Philip	< 1	< 0.5	< 0.05	< 0.3	0.193	< 0.005	< 0.05	< 0.05	< 0.05	< 0.05	< 0.2	< 0.2	< 0.5	< 0.05	0.056
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.177	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.047
02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.154	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.047
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.152	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.045
19-Apr-04	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.152	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.1
07-Jun-04	Philip	< 0.5	< 0.5	< 0.0001	< 0.005	0.172	< 0.001	0.0002	0.003	< 0.005	0.001	< 0.001	0.004	< 0.0005	< 0.005	0.044
23-Aug-04	Philip	< 0.2	< 0.5	< 0.001	< 0.05	0.159	< 0.01	< 0.001	0.004	< 0.05	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	< 0.05
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.162	< 0.0005	0.0002	0.004	< 0.005	0.001	< 0.001	0.001	< 0.0005	< 0.005	0.044
11-Apr-05	Philip	< 0.2	< 0.5	< 0.001	< 0.05	0.178	< 0.005	< 0.001	0.004	< 0.05	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	< 0.05
21-Jun-05	MAX	< 0.1	< 18	< 0.0005	< 0.005	0.143	< 0.0005	0.0003	0.004	< 0.005	0.005	< 0.001	0.002	< 0.0005	< 0.01	0.041
31-Aug-05	MAX	< 0.1	< 1	0.015	< 0.05	0.15	< 0.005	< 0.001	< 0.005	< 0.05	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.05
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.15	< 0.0005		0.004	< 0.005	< 0.001	< 0.001	0.003	< 0.0005	0.002	0.038
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.17	< 0.0005		0.004	< 0.005	0.002	< 0.001	0.005	0.0006	< 0.005	0.044
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			0.003			0.039
30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.002			0.042
24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.006			0.042
10-Apr-07	Maxx	< 0.1	< 1							< 0.005			0.005			0.037
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.003			0.032
13-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.004			0.029
13-Nov-07	Maxx	< 0.1	< 1							< 0.005			0.005			0.032

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
C9-I
Outwash
5.8 - 7.3 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.023	< 0.5	< 0.005	< 0.03	0.251	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
19-Jun-02	Philip	0.022	< 0.5	< 0.005	< 0.03	0.248	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.237	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.026
04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.194	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.252	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.222	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.005
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.225	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.009
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	0.09	0.21	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.157
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.255	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	0.001	< 0.0005	0.0006	< 0.005
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.233	< 0.001	< 0.0001	0.0002	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	0.0006	< 0.005
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.224	< 0.0005	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.227	< 0.0005	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	0.006	0.229	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.003	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
31-Aug-05	MAX	< 0.1	< 1	< 0.005	0.14	0.23	< 0.001	< 0.0005	< 0.005	< 0.001	0.001	< 0.1	< 0.05	0.001	< 0.005	0.011
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.24	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.25	< 0.0005		< 0.0005	< 0.005	0.001	< 0.001	0.003	< 0.0005	< 0.001	0.006
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.005
13-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
13-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			0.009

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
C10-I
Outwash
6.9 - 8.5 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.017	< 0.5	< 0.005	< 0.03	0.199	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.028
19-Jun-02	Philip	0.017	< 0.5	< 0.005	< 0.03	0.211	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	< 0.03	0.209	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.008
04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.189	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.226	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.109
02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.206	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.206	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.042
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	0.08	0.194	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.162
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.218	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	0.0006	< 0.005
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	0.007	0.212	< 0.001	< 0.0001	0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	0.0006	0.014
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.217	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.078	< 0.0005	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.203	< 0.0005	< 0.0001	< 0.0005	< 0.005	0.008	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
31-Aug-05	MAX	< 0.1	< 1	< 0.0005	< 0.005	0.22	< 0.0005	< 0.0001	< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.0005
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.23	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.005
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.2	< 0.0005		< 0.0005	< 0.005	< 0.001	< 0.001	0.001	< 0.0005	0.001	< 0.005
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
30-Aug-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
24-Nov-06	MAX	< 0.1	< 1							< 0.005			< 0.001			< 0.005
10-Apr-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
13-Aug-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005
13-Nov-07	Maxx	< 0.1	< 1							< 0.005			< 0.001			< 0.005

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C2: Routine Groundwater Quality - Trace Metels Analysis - - Eastview Road Landfill Site

Monitor
C11-I
Outwash
5.9 - 7.4 m

		Trace Elements														
Date		I mg/L	Br mg/L	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L
ODWS	Lab				0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a
26-Apr-02	Philip	0.008	< 0.5	< 0.005	< 0.03	0.095	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.069
19-Jun-02	Philip	0.007	< 0.5	< 0.005	< 0.03	0.104	< 0.0005	< 0.005	0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.068
12-Aug-02	Philip	< 0.5	< 0.1	< 0.005	0.14	0.095	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.081
04-Nov-02	Philip	< 0.1	< 0.5	< 0.005	< 0.03			< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.042
22-Apr-03	Philip	< 0.1	< 0.5	< 0.005	< 0.03	0.098	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.054
23-Jun-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.088	< 0.0005	< 0.005	0.007	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.016
02-Sep-03	Philip	< 0.1	< 0.5	< 0.005	< 0.05	0.087	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.04
03-Nov-03	Philip	< 0.5	< 0.5	< 0.005	< 0.05	0.099	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.053
19-Apr-04	Philip	< 0.1	< 0.5	< 0.005	0.17	0.113	< 0.0005	< 0.005	0.007	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.441
07-Jun-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.12	< 0.001	0.0001	0.006	< 0.005	0.002	< 0.001	0.002	0.001	< 0.0005	0.096
23-Aug-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.107	< 0.001	0.0001	0.005	< 0.005	0.002	< 0.001	0.002	0.001	< 0.0005	0.09
02-Nov-04	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.098	< 0.0005	< 0.0001	0.005	< 0.005	0.003	< 0.001	0.002	0.002	< 0.0005	0.194
11-Apr-05	Philip	< 0.1	< 0.5	< 0.0001	< 0.005	0.123	< 0.0005	0.0001	0.006	< 0.005	0.003	< 0.001	0.002	0.002	< 0.0005	0.097
21-Jun-05	MAX	< 0.1	< 0.35	< 0.0005	< 0.005	0.107	< 0.0005	< 0.0001	0.005	< 0.005	0.006	< 0.001	0.002	0.002	< 0.001	0.082
31-Aug-05	MAX	< 0.1	< 1	< 0.005	< 0.001	0.097	< 0.001	< 0.0005	0.004	< 0.001	< 0.05	< 0.1	0.001	0.001	< 0.005	0.042
15-Nov-05	MAX		< 1	< 0.0005	< 0.005	0.095	< 0.0005		0.005	< 0.005	< 0.001	< 0.001	0.003	0.001	< 0.001	0.043
28-Apr-06	Maxx	< 0.1	< 1	< 0.0005	< 0.005	0.1	< 0.0005		0.006	< 0.005	0.003	< 0.001	0.002	0.001	0.001	0.079
07-Jun-06	Maxx	< 0.1	< 1							< 0.005			0.001			0.08
30-Aug-06	MAX	< 0.1	< 1							< 0.005			0.002			0.077
24-Nov-06	MAX	< 0.1	< 1							< 0.005			0.002			0.078
10-Apr-07	Maxx	< 0.1	< 1							< 0.005			0.001			0.092
18-Jun-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.089
13-Aug-07	Maxx	< 0.1	< 1							< 0.005			0.003			0.063
13-Nov-07	Maxx	< 0.1	< 1							< 0.005			0.002			0.05

NOTE: ODWS - Ontario Drinking Water Standards
a - Aesthetic Related Objective, h - Heath Related Objective

C3: Routine Surface Water Quality - General Analysis - Eastview Road Landfill Site

SW 1 **Drainage Discharge**

Date	Lab.	Field pH	Cond-uctivity	Alk. CaCO3	Chloride mg/L	Boron mg/L	Phenol ug/L	NH3-N mg/L	Iron mg/L	Manganese mg/L	Chromium mg/L	Nickel mg/L	Zinc mg/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	TSS mg/L	Hard. CaCO3	Un-ion. NH3-N
PWQO		6.5-8.5				0.2	1.0		0.30		0.1	0.025	0.02							0.02
06-Jun-02	Philip	7.80	781	222	101	0.02	< 1	< 0.03	0.19	0.036	< 0.005	< 0.02	0.085	77.4	52.8	18.9	< 1	3	281	0.0004
18-Mar-03	Philip	7.40	327	76	44.3	< 0.01	< 1	1.05	0.52	0.038	< 0.005	< 0.02	0.039	32	26.7	7.46	6	6	107	0.0033
06-Aug-03	Philip	7.90	853	247	119	0.02	< 1	< 0.03	0.25	0.15	< 0.005	< 0.02	0.152	104	44.7	28.9	< 1	7	359.1	0.0006
19-Nov-03	Philip	7.90	482	187	33.3	0.02	< 1	0.04	6.09	0.201	< 0.005	< 0.02	0.139	81.4	19.6	17.9	4	199	208.9	0.0006
10-Mar-04	Philip	7.30	778	170	113	< 0.01	< 1	< 0.03	0.13	0.018	< 0.005	< 0.02	0.052	76.7	57.9	20.2	1	6	268	0.0001
22-Apr-04	Dry																			
27-May-04	Philip	7.80	723	216	95.1	0.03	< 1	0.07	0.23	0.029	< 0.005	< 0.02	0.033	71.5	56.7	17.3	2	8	234.7	0.0013
28-Jun-04	N/S																			
17-Aug-04	Philip	7.80	894	270	112	0.02	< 1	0.03	0.36	0.094	< 0.005	< 0.02	0.232	107	53.5	28.9	1	9	371.1	0.0005
19-Oct-04	Philip	8.20	1011	283	134	< 0.01	< 1	0.04	0.46				0.197	105	60.4	29.2	< 1	8		0.0009
28-Oct-04	N/S																			
08-Dec-04	Philip	7.85	654	164	73	0.01	< 1	< 0.03	0.37	0.025	< 0.005	< 0.02	0.042	71.1	38.3	17.4	3	9	244.9	0.0003
04-Apr-05	Philip	8.27	723	196	102	< 0.01	< 1	< 0.03	0.11	0.016	< 0.005	< 0.02	0.027	66.9	50.5	17.5	< 1	4	262	0.0009
30-Apr-05	N/S																			
16-May-05	No Fl																			
30-Jun-05	Dry																			
25-Aug-05	Dry																			
28-Sep-05	N/S																			
14-Oct-05	N/S																			
30-Nov-05	N/S																			
24-Apr-06	MAX	7.70	583	189	72	< 0.02	< 1	0.17	0.19	0.01	< 0.01	< 0.05	0.02	59	45	15	< 1	7	210	0.0014
30-Apr-06	N/S																			
31-May-06	N/S																			
09-Jun-06	Low																			
09-Aug-06	Low																			
14-Sep-06	MAX	7.50	854	282	102	< 0.02	< 1	0.19	0.59	0.21	< 0.01	< 0.05	0.14	98	47	26	2	11	330	0.0019
12-Oct-06	MAX	7.80	676	210	74	< 0.02	1	0.58	0.22	0.02	< 0.01	< 0.05	0.04	74	43	17	2	2	240	0.0075
13-Dec-06	MAX	7.30	625	233	58	0.03	1	0.15	0.17	0.02	< 0.01	< 0.05	0.02	70	39	17	1	3	240	0.0004
23-Mar-07	Maxx	7.40	661	207	71	< 0.02	< 1	0.24	0.21	0.03	< 0.01	< 0.05	0.03	63	43	16	1	3	230	0.0007
26-Apr-07	Dry																			
17-May-07	Maxx	7.60	688	237	80	0.02	< 1	0.12	0.25	0.03	< 0.01	< 0.05	0.03	72	47	18	1	< 10	250	0.0012
19-Jun-07	N/S																			
10-Aug-07	Dry																			
26-Sep-07	N/S																			
10-Oct-07	Low																			
31-Oct-07	N/S																			
29-Nov-07	Maxx	6.90	752	170	100	< 0.02	< 1	0.16	0.36	0.11	< 0.01	< 0.05	0.1	71	51	16	3	51	230	0.0001

C3: Routine Surface Water Quality - General Analysis - Eastview Road Landfill Site

SW 2	Ditch																			
Date	Lab.	Field pH	Cond-uctivity	Alk. CaCO3	Chloride mg/L	Boron mg/L	Phenol ug/L	NH3-N mg/L	Iron mg/L	Manganese mg/L	Chromium mg/L	Nickel mg/L	Zinc mg/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	TSS mg/L	Hard. CaCO3	Un-ion. NH3-N
PWQO		6.5-8.5				0.2	1.0		0.30		0.1	0.025	0.02							0.02
18-Mar-03	Philip	7.10	579	75	125	0.03	< 1	0.45	0.22	0.052	< 0.005	< 0.02	0.044	35.1	73.4	8.19	4	3	124	0.0006
19-Nov-03	Philip	7.50	828	248	94.2	0.1	< 1	0.05	0.28	0.031	< 0.005	< 0.02	0.048	83.8	59.4	19.4	4	10	303.7	0.0003
10-Mar-04	Philip	7.40	678	192	95.5	0.04	< 1	0.09	0.33	0.028	< 0.005	< 0.02	0.091	72.8	43.8	17.6	3	7	242	0.0003
22-Apr-04	Dry																			
27-May-04	Philip	7.97	847	309	77.8	0.08	< 1	0.11	0.48	0.084	< 0.005	< 0.02	0.127	96.3	51.4	24.8	1	9	322.5	0.0027
28-Jun-04	N/S																			
17-Aug-04	Dry																			
19-Oct-04	Dry																			
28-Oct-04	N/S																			
08-Dec-04	Philip	7.90	802	253	83	0.09	< 1	0.04	0.3	0.071	< 0.005	< 0.02	0.026	92.7	48.1	21.1	3	2	317.9	0.0005
04-Apr-05	Philip	8.41	776	212	106	0.02	< 1	0.05	0.23	0.026	< 0.005	< 0.02	0.055	72.5	53.2	17.2	2	< 1	257.2	0.0016
30-Apr-05	N/S																			
16-May-05	No Fl																			
30-Jun-05	Dry																			
25-Aug-05	Dry																			
28-Sep-05	N/S																			
14-Oct-05	N/S																			
30-Nov-05	N/S																			
24-Apr-06	MAX	7.70	761	290	86	0.04	< 1	< 0.05	0.31	0.05	< 0.01	< 0.05	0.03	81	55	20	2	1	280	0.0004
30-Apr-06	N/S																			
31-May-06	N/S																			
09-Jun-06	Low																			
09-Aug-06	Low																			
14-Sep-06	Dry																			
12-Oct-06	MAX	7.40	896	296	113	0.04	6	0.06	1.2	0.19	< 0.01	< 0.05	0.02	93	62	21	4	3	300	0.0003
13-Dec-06	MAX	7.20	736	280	66	0.03	< 1	0.23	0.25	0.06	< 0.01	< 0.05	0.02	85	39	21	1	< 1	290	0.0005
23-Mar-07	Maxx	7.50	496	149	50	< 0.02	1	0.76	0.27	0.05	< 0.01	< 0.05	0.03	46	26	11	3	2	170	0.0029
26-Apr-07	Dry																			
17-May-07	Maxx	7.60	857	246	120	0.05	< 1	0.13	2.8	0.13	< 0.01	< 0.05	0.12	80	68	18	2	< 10	270	0.0013
19-Jun-07	Dry																			
10-Aug-07	Dry																			
26-Sep-07	Dry																			
10-Oct-07	Dry																			
31-Oct-07	Dry																			
29-Nov-07	Snow																			

C3: Routine Surface Water Quality - General Analysis - Eastview Road Landfill Site

SW 3A	Hadati Creek																				
Date	Lab.	Field pH	Cond-uctivity	Alk. CaCO3	Chloride mg/L	Boron mg/L	Phenol ug/L	NH3-N mg/L	Iron mg/L	Manganese mg/L	Chromium mg/L	Nickel mg/L	Zinc mg/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	TSS mg/L	Hard. CaCO3	Un-ion. NH3-N
PWQO		6.5-8.5				0.2	1.0		0.30		0.1	0.025	0.02							0.02
06-Jun-02	Philip	7.80	881	234	126	0.03	< 1	< 0.03	0.33	0.058	< 0.005	< 0.02	0.09	85.3	69	21.2	< 1	3	294	0.0004
18-Mar-03	Philip	7.40	501	87	86.9	0.02	< 1	0.86	0.5	0.067	< 0.005	< 0.02	0.042	37.1	50.3	8.8	5	7	132	0.0026
19-Nov-03	Philip	7.70	567	241	44.8	0.06	2	0.03	9.16	0.321	0.008	< 0.02	0.199	99.5	27.5	21.8	5	326	227.2	0.0003
10-Mar-04	Philip	7.50	776	186	104	0.03	< 1	0.07	0.32	0.036	< 0.005	< 0.02	0.062	76.9	54	19.7	2	7	271.9	0.0002
22-Apr-04	Dry																			
27-May-04	Philip	7.89	799	249	98.3	0.04	< 1	0.10	0.62	0.071	< 0.005	< 0.02	0.075	82	58.9	20.6	2	18	275.8	0.0018
28-Jun-04	N/S																			
17-Aug-04	Philip	8.02	1110	297	164	0.04	< 1	0.15	0.79	0.111	< 0.005	< 0.02	0.109	116	95	32.3	2	15	415.7	0.0040
19-Oct-04	Philip	8.30	1199	322	178	0.05	< 1	0.17	1.39				0.088	116	90.7	32.5	< 1	26		0.0054
28-Oct-04	N/S																			
08-Dec-04	Philip	7.89	732	198	79.3	0.03	< 1	0.04	0.47	0.056	< 0.005	< 0.02	0.04	79.2	44.1	18.9	3	18	276.3	0.0004
04-Apr-05	Philip	8.08	767	204	109	< 0.01	1	0.03	0.26	0.032	< 0.005	< 0.02	0.038	71.2	55.2	18	< 1	5	266.4	0.0005
30-Apr-05	N/S																			
16-May-05	No Fl																			
30-Jun-05	Dry																			
25-Aug-05	Dry																			
28-Sep-05	N/S																			
14-Oct-05	N/S																			
30-Nov-05	N/S																			
24-Apr-06	MAX	7.80	645	212	77	< 0.02	< 1	< 0.05	0.42	0.04	< 0.01	< 0.05	0.03	65	48	16	2	4	230	0.0005
30-Apr-06	N/S																			
31-May-06	N/S																			
09-Jun-06	Low																			
09-Aug-06	Low																			
14-Sep-06	Dry																			
12-Oct-06	MAX	7.60	771	244	94	0.03	3	0.07	0.56	0.08	< 0.01	< 0.05	0.04	80	52	18	3	2	260	0.0005
13-Dec-06	MAX	7.40	668	247	63	0.03	< 1	0.30	0.37	0.05	< 0.01	< 0.05	0.03	76	40	19	1	6	260	0.0010
23-Mar-07	Maxx	7.60	620	191	68	< 0.02	< 1	0.26	0.29	0.04	< 0.01	< 0.05	0.03	57	36	14	1	5	210	0.0012
26-Apr-07	N/S																			
17-May-07	Maxx	8.00	740	243	88	0.03	1	0.17	0.57	0.07	< 0.01	< 0.05	0.04	77	52	19	2	19	270	0.0040
19-Jun-07	N/S																			
10-Aug-07	Dry																			
10-Aug-07	Dry																			
10-Aug-07	N/S																			
10-Aug-07	N/S																			
26-Sep-07	Dry																			
10-Oct-07	Dry																			
31-Oct-07	N/S																			
29-Nov-07	Maxx	7.00	892	212	120	0.03	< 1	0.16	0.38	0.03	< 0.01	< 0.05	0.04	83	63	18	3	< 10	270	0.0002

C3: Routine Surface Water Quality - General Analysis - Eastview Road Landfill Site

SW 4		Wetland Discharge																		
Date	Lab.	Field pH	Cond-uctivity	Alk. CaCO3	Chloride mg/L	Boron mg/L	Phenol ug/L	NH3-N mg/L	Iron mg/L	Manganese mg/L	Chromium mg/L	Nickel mg/L	Zinc mg/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	TSS mg/L	Hard. CaCO3	Un-ion. NH3-N
PWQO		6.5-8.5				0.2	1.0		0.30		0.1	0.025	0.02							0.02
19-Nov-03	Philip	7.60	502	182	22.6	0.11	< 1	0.05	0.2	0.064	< 0.005	< 0.02	0.044	68.7	11.7	14.1	3	10	242.4	0.0004
10-Mar-04	Philip	7.40	502	157	57.9	0.03	< 1	0.12	0.35	0.028	< 0.005	< 0.02	0.012	59.5	24.5	13.8	4	5	196.4	0.0004
22-Apr-04	Dry																			
27-May-04	Philip	7.82	489	202	33.2	0.04	< 1	0.28	1.19	0.133	< 0.005	< 0.02	0.024	61.6	18.7	14.4	3	12	216	0.0050
17-Aug-04	Dry																			
19-Oct-04	Dry																			
08-Dec-04	Philip	7.66	539	199	24.4	0.09	< 1	0.03	0.14	0.059	< 0.005	< 0.02	< 0.005	75.3	12.8	15.8	2	6	254.1	0.0002
04-Apr-05	Philip	7.94	469	164	45.2	0.02	1	0.06	0.13	0.011	< 0.005	< 0.02	0.005	58	22.5	13.5	3	< 1	198.9	0.0007
30-Apr-05	N/S																			
16-May-05	No Fl																			
25-Aug-05	Dry																			
28-Sep-05	Dry																			
30-Nov-05	N/S																			
24-Apr-06	MAX	7.80	476	206	32	< 0.02	< 1	0.09	0.21	0.07	< 0.01	< 0.05	< 0.01	64	18	14	4	1	210	0.0010
30-Apr-06	N/S																			
31-May-06	Dry																			
09-Aug-06	Dry																			
14-Sep-06	Dry																			
12-Oct-06	MAX	7.40	456	201	25	0.04	12	0.27	1.2	0.8	< 0.01	< 0.05	0.02	68	8.4	13	6	10	230	0.0012
13-Dec-06	MAX	7.10	464	188	33	< 0.02	1	0.20	0.2	0.15	< 0.01	< 0.05	< 0.01	58	16	13	2	< 1	200	0.0003
23-Mar-07	Maxx	7.80	313	107	22	< 0.02	2	0.40	0.21	0.05	< 0.01	< 0.05	0.01	35	10	7.8	3	2	120	0.0029
26-Apr-07	Dry																			
17-May-07	Maxx	7.60	551	224	41	0.03	3	0.16	0.96	0.1	< 0.01	< 0.05	< 0.01	67	20	15	4	12	240	0.0015
10-Aug-07	Dry																			
26-Sep-07	Dry																			
10-Oct-07	Dry																			
31-Oct-07	Dry																			
29-Nov-07	Dry																			

C3: Routine Surface Water Quality - General Analysis - Eastview Road Landfill Site

SW 5		Discharge to Site																			
Date	Lab.	Field pH	Cond-uctivity	Alk. CaCO3	Chloride mg/L	Boron mg/L	Phenol ug/L	NH3-N mg/L	Iron mg/L	Manganese mg/L	Chromium mg/L	Nickel mg/L	Zinc mg/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	TSS mg/L	Hard. CaCO3	Un-ion. NH3-N
PWQO		6.5-8.5				0.2	1.0		0.30		0.1	0.025	0.02							0.02
06-Jun-02	Philip	7.60	1640	352	315	0.04	< 1	0.03	0.11	0.031	< 0.005	< 0.02	0.05	111	164	28.2	< 1	3	388	0.0003
18-Mar-03	Philip	7.50	881	84	221	< 0.01	< 1	0.22	0.77	0.042	< 0.005	< 0.02	0.062	36	150	8.2	3	16	114	0.0008
19-Nov-03	Philip	7.70	630	188	69	0.03	< 1	0.33	0.38	0.027	< 0.005	< 0.02	0.042	57.5	49.4	12.8	4	12	204.2	0.0033
10-Mar-04	Philip	7.60	1490	236	307	< 0.01	< 1	< 0.03	0.08	0.01	< 0.005	< 0.02	0.035	101	159	26.1	< 1	4	355.1	0.0001
22-Apr-04	Dry																			
27-May-04	Philip	8.09	1101	334	153	0.04	< 1	0.05	0.25	0.068	< 0.005	< 0.02	0.016	102	97.2	25.7	2	7	341.7	0.0017
28-Jun-04	N/S																			
17-Aug-04	Dry																			
19-Oct-04	Dry																			
28-Oct-04	N/S																			
08-Dec-04	Philip	8.08	1229	328	192	0.02	< 1	0.04	0.12	0.053	< 0.005	< 0.02	0.017	110	123	24.7	2	3	364.2	0.0008
04-Apr-05	Philip	8.51	1131	242	212	0.01	< 1	0.07	0.18	0.025	< 0.005	< 0.02	0.027	85	119	19.9	2	6	298.2	0.0030
30-Apr-05	N/S																			
16-May-05	No Fl																			
30-Jun-05	Dry																			
25-Aug-05	Dry																			
28-Sep-05	N/S																			
14-Oct-05	N/S																			
30-Nov-05	N/S																			
24-Apr-06	MAX	7.80	992	345	114	0.04	< 1	< 0.05	0.1	0.02	< 0.01	< 0.05	0.02	93	84	23	2	< 1	320	0.0005
30-Apr-06	N/S																			
31-May-06	N/S																			
09-Jun-06	Low																			
09-Aug-06	Low																			
14-Sep-06	Dry																			
12-Oct-06	MAX	7.70	1100	355	144	0.03	< 1	0.14	0.52	0.08	< 0.01	< 0.05	0.03	120	100	25	2	12	380	0.0014
13-Dec-06	MAX	7.40	880	320	86	0.03	< 1	0.17	0.55	0.05	< 0.01	< 0.05	0.03	85	61	20	2	10	310	0.0006
23-Mar-07	Maxx	8.00	1050	322	120	< 0.02	1	0.23	0.33	0.07	< 0.01	< 0.05	0.02	85	64	20	2	9	340	0.0030
26-Apr-07	Dry																			
17-May-07	Maxx	8.40	1200	376	160	0.04	< 1	0.21	0.47	0.08	< 0.01	< 0.05	0.03	120	91	27	2	< 10	400	0.0114
19-Jun-07	Dry																			
10-Aug-07	Dry																			
26-Sep-07	Dry																			
10-Oct-07	Dry																			
31-Oct-07	Dry																			
29-Nov-07	Maxx	6.90	1460	102	370	< 0.02	< 1	0.79	0.16	0.02	< 0.01	< 0.05	0.07	48	210	8.2	1	10	140	0.0007

C3: Routine Surface Water Quality - General Analysis - Eastview Road Landfill Site

SW 7	Background																			
Date	Lab.	Field pH	Cond-uctivity	Alk. CaCO3	Chloride mg/L	Boron mg/L	Phenol ug/L	NH3-N mg/L	Iron mg/L	Manganese mg/L	Chromium mg/L	Nickel mg/L	Zinc mg/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	TSS mg/L	Hard. CaCO3	Un-ion. NH3-N
PWQO		6.5-8.5				0.2	1.0		0.30		0.1	0.025	0.02							0.02
06-Jun-02	Philip	7.50	871	293	108	0.03	< 1	< 0.03	0.53	0.187	< 0.005	< 0.02	< 0.005	83.8	66.7	23	1	2	303	0.0002
18-Mar-03	Philip	7.60	698	124	142	< 0.01	< 1	0.17	0.47	0.084	< 0.005	< 0.02	0.02	49	82.2	13	3	7	183	0.0007
10-Mar-04	N/A																			
22-Apr-04	Dry																			
27-May-04	Philip	7.83	475	139	63.1	0.02	< 1	0.04	1.72	0.14	< 0.005	< 0.02	0.087	44.4	34.8	11.3	2	19	152.4	0.0008
28-Jun-04	N/S																			
17-Aug-04	No Fl																			
19-Oct-04	No Fl																			
28-Oct-04	N/S																			
08-Dec-04	Philip	7.98	486	156	50.8	0.02	< 1	< 0.03	0.98	0.304	< 0.005	< 0.02	0.052	50.1	29.6	12.9	2	17	173.3	0.0005
04-Apr-05	Philip	8.00	604	140	98.3	< 0.01	< 1	0.04	0.63	0.061	< 0.005	< 0.02	0.033	47.5	49	12.8	< 1	8	182.7	0.0005
30-Apr-05	N/S																			
16-May-05	No Fl																			
30-Jun-05	Dry																			
25-Aug-05	Dry																			
28-Sep-05	N/S																			
14-Oct-05	N/S																			
30-Nov-05	N/S																			
24-Apr-06	MAX	7.80	474	170	48	< 0.02	< 1	< 0.05	0.89	0.07	< 0.01	< 0.05	0.04	52	31	15	2	2	170	0.0005
30-Apr-06	N/S																			
31-May-06	N/S																			
09-Jun-06	Low																			
09-Aug-06	Low																			
14-Sep-06	MAX	7.90	341	124	24	< 0.02	< 1	0.11	2.3	0.15	< 0.01	< 0.05	0.07	39	15	14	3	23	130	0.0028
12-Oct-06	MAX	7.80	414	150	33	< 0.02	3	0.20	3.7	0.3	< 0.01	< 0.05	0.11	54	20	13	3	23	170	0.0023
13-Dec-06	MAX	7.40	528	182	56	< 0.02	2	0.44	1	0.3	< 0.01	< 0.05	0.04	56	34	15	2	5	190	0.0015
23-Mar-07	Maxx	7.00	633	205	70	< 0.02	1	0.34	2.8	0.61	< 0.01	< 0.05	0.08	62	38	16	2	41	210	0.0004
26-Apr-07	N/S																			
17-May-07	Maxx	8.00	544	187	60	< 0.02	2	0.18	2.8	0.19	< 0.01	< 0.05	0.09	59	33	16	2	49	200	0.0041
19-Jun-07	Dry																			
10-Aug-07	Dry																			
26-Sep-07	Dry																			
10-Oct-07	Maxx	7.10	372	123	22	0.05	< 1	0.09	1.4	0.16	< 0.01	< 0.05	0.03	39	11	10	3	22	140	0.0003
31-Oct-07	Dry																			
29-Nov-07	Maxx	7.00	1160	135	240	< 0.02	< 1	0.13	0.99	0.11	< 0.01	< 0.05	0.05	48	150	12	3	14	150	0.0001

C3: Routine Surface Water Quality - General Analysis - Eastview Road Landfill Site

SW 15 **Adjacent Water Course**

Date	Lab.	Field pH	Cond-uctivity	Alk. CaCO3	Chloride mg/L	Boron mg/L	Phenol ug/L	NH3-N mg/L	Iron mg/L	Manganese mg/L	Chromium mg/L	Nickel mg/L	Zinc mg/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	TSS mg/L	Hard. CaCO3	Un-ion. NH3-N
PWQO		6.5-8.5				0.2	1.0		0.30		0.1	0.025	0.02							0.02
06-Jun-02	Philip	7.80	637	296	32.4	0.01	< 1	< 0.03	0.08	0.019	< 0.005	< 0.02	< 0.005	83.7	14.6	25.7	< 1	1	316	0.0005
18-Mar-03	Philip	7.60	361	118	35.4	0.01	< 1	0.66	0.44	0.143	< 0.005	< 0.02	0.013	43.5	17.5	15.1	6	6	161	0.0029
06-Aug-03	Philip	7.70	681	322	52.9	0.02	< 1	< 0.03	3.81	0.617	< 0.005	< 0.02	< 0.005	99.1	18.7	30.4	< 1	10	352.4	0.0005
19-Nov-03	Philip	7.60	672	231	46	0.02	< 1	0.07	0.06	< 0.005	< 0.005	< 0.02	< 0.005	82.1	18.6	25.7	2	5	328.2	0.0008
10-Mar-04	Philip	7.30	573	214	37.7	< 0.01	< 1	< 0.03	0.06	0.008	< 0.005	< 0.02	0.01	78.2	13.4	23.6	2	2	274.2	0.0001
22-Apr-04	Dry																			
27-May-04	Philip	7.71	522	221	28.7	< 0.01	< 1	< 0.03	0.12	0.012	< 0.005	< 0.02	0.02	68.4	11.2	19.2	< 1	4	248.2	0.0004
28-Jun-04	N/S																			
17-Aug-04	Philip	7.38	684	319	35.9	0.02	< 1	0.04	1.78	0.645	< 0.005	< 0.02	0.011	100	17.3	30.9	1	4	367.7	0.0003
19-Oct-04	Philip	7.40	665	272	48.3	< 0.01	< 1	< 0.03	0.16				0.029	81.5	17.3	26.8	2	2		0.0001
28-Oct-04	N/S																			
08-Dec-04	Philip	7.66	658	256	43.7	< 0.01	< 1	< 0.03	0.09	< 0.005	< 0.005	< 0.02	< 0.005	80.6	15.9	26.3	2	2	319.2	0.0003
04-Apr-05	Philip	7.65	497	189	31.9	< 0.01	< 1	< 0.03	0.05	< 0.005	< 0.005	< 0.02	< 0.005	59.6	10.6	18.1	2	< 1	241.7	0.0002
30-Apr-05	N/S																			
16-May-05	No Fl																			
30-Jun-05	Dry																			
25-Aug-05	Dry																			
28-Sep-05	N/S																			
14-Oct-05	N/S																			
30-Nov-05	N/S																			
24-Apr-06	MAX	7.60	540	243	29	< 0.02	< 1	< 0.05	0.08	< 0.01	< 0.01	< 0.05	< 0.01	69	14	20	1	1	250	0.0004
30-Apr-06	N/S																			
31-May-06	N/S																			
09-Jun-06	Low																			
09-Aug-06	Low																			
14-Sep-06	MAX	7.30	648	309	45	< 0.02	< 1	0.10	0.44	0.1	< 0.01	< 0.05	< 0.01	87	18	27	1	1	310	0.0006
12-Oct-06	MAX	7.70	646	271	47	< 0.02	< 1	< 0.05	0.17	0.01	< 0.01	< 0.05	< 0.01	81	15	25	2	< 1	310	0.0005
13-Dec-06	MAX	7.30	576	251	30	< 0.02	< 1	0.16	0.04	< 0.01	< 0.01	< 0.05	< 0.01	76	13	22	2	< 1	280	0.0005
23-Mar-07	Maxx	7.00	497	202	25	< 0.02	< 1	0.20	0.2	0.03	< 0.01	< 0.05	< 0.01	57	10	17	2	< 1	220	0.0003
26-Apr-07	N/S																			
17-May-07	Maxx	7.60	587	276	27	< 0.02	< 1	0.08	0.11	0.01	< 0.01	< 0.05	< 0.01	74	13	22	< 1	< 10	290	0.0008
19-Jun-07	Dry																			
10-Aug-07	Dry																			
26-Sep-07	Dry																			
10-Oct-07	Maxx	7.10	1180	154	180	0.02	< 1	0.66	0.45	0.22	< 0.01	< 0.05	0.06	110	88	23	6	< 10	360	0.0022
31-Oct-07	Dry																			
29-Nov-07	Maxx	6.90	1290	147	55	0.02	< 1	< 0.05	< 0.02	0.01	< 0.01	< 0.05	0.01	170	21	48	4	< 10	630	0.0001

C3: Routine Surface Water Quality - General Analysis - Eastview Road Landfill Site

SW 16 **Discharge to Hadati Creek**

Date	Lab.	Field pH	Cond-uctivity	Alk. CaCO3	Chloride mg/L	Boron mg/L	Phenol ug/L	NH3-N mg/L	Iron mg/L	Manganese mg/L	Chromium mg/L	Nickel mg/L	Zinc mg/L	Ca mg/L	Na mg/L	Mg mg/L	K mg/L	TSS mg/L	Hard. CaCO3	Un-ion. NH3-N
PWQO		6.5-8.5				0.2	1.0		0.30		0.1	0.025	0.02							0.02
06-Jun-02	Philip	7.00	836	225	112	0.03	< 1	0.03	0.33	0.048	< 0.005	< 0.02	0.067	81.1	61.9	20.5	< 1	4	286	0.0001
18-Mar-03	Philip	7.40	396	90	59.3	0.01	< 1	1.03	0.72	0.066	< 0.005	< 0.02	0.057	37.9	34.8	9.11	6	12	126	0.0031
06-Aug-03	Philip	8.00	1110	294	189	0.06	< 1	0.24	1.37	0.221	< 0.005	< 0.02	0.185	128	91	33.6	2	60	391.3	0.0070
19-Nov-03	Philip	7.80	528	266	38.4	0.05	4	0.07	11.6	0.428	0.011	< 0.02	0.251	112	21.6	25.3	4	490	225.2	0.0008
10-Mar-04	Philip	7.30	801	178	114	0.02	< 1	0.03	0.41	0.039	< 0.005	< 0.02	0.093	83.4	59.9	21.4	1	12	278.2	0.0001
22-Apr-04	Philip																			
27-May-04	N/S	8.00																		
27-May-04	N/S	8.00					<				<		<				<			
27-May-04	Philip		796	241	102	0.04	1	0.12	0.56	0.059	0.005	0.02	0.072	81.3	60.5	20.8	1	19	275.5	
27-May-04	Philip		796	241	102	0.04	< 1	0.12	0.56	0.059	< 0.005	< 0.02	0.072	81.3	60.5	20.8	< 1	19	275.5	
28-Jun-04	N/S																			
17-Aug-04	Philip	8.27	1136	299	177	0.05	< 1	0.18	1.05	0.132	< 0.005	< 0.02	0.125	117	92.5	32.6	3	46	414.7	0.0080
19-Oct-04	Philip	8.60	1169	316	177	0.05	< 1	0.24	1.69				0.137	124	88.5	34.9	1	61		0.0152
28-Oct-04	N/S																			
08-Dec-04	Philip	7.95	685	176	75.4	< 0.01	< 1	0.04	0.86	0.065	< 0.005	< 0.02	0.044	78.5	38.8	20	3	82	255.8	0.0004
04-Apr-05	Philip	7.93	738	200	104	< 0.01	< 1	< 0.03	0.26	0.029	< 0.005	< 0.02	0.029	70.8	54.6	18.6	< 1	9	255	0.0003
30-Apr-05	N/S																			
16-May-05	No Fl																			
30-Jun-05	Dry																			
25-Aug-05	Dry																			
28-Sep-05	N/S																			
14-Oct-05	N/S																			
30-Nov-05	N/S																			
24-Apr-06	MAX	7.80	613	192	71	< 0.02	< 1	< 0.05	0.49	0.04	< 0.01	< 0.05	0.03	62	45	16	1	34	210	0.0005
30-Apr-06	N/S																			
31-May-06	N/S																			
09-Jun-06	Low																			
09-Aug-06	Low																			
14-Sep-06	MAX	8.00	892	303	110	0.05	< 1	0.28	1.7	0.19	< 0.01	< 0.05	0.09	100	56	28	2	35	340	0.0084
12-Oct-06	MAX	7.70	683	221	75	< 0.02	< 1	0.12	0.37	0.04	< 0.01	< 0.05	0.04	74	43	17	2	1	260	0.0010
13-Dec-06	MAX	7.40	623	233	59	< 0.02	1	0.26	0.28	0.02	< 0.01	< 0.05	0.03	71	38	17	1	7	240	0.0008
23-Mar-07	Maxx	7.40	663	207	71	< 0.02	< 1	0.27	0.3	0.03	< 0.01	< 0.05	0.03	60	40	15	1	8	230	0.0009
26-Apr-07	N/S																			
17-May-07	Maxx	7.90	693	237	79	0.02	2	0.12	0.33	0.03	< 0.01	< 0.05	0.03	70	46	18	1	< 10	250	0.0020
19-Jun-07	Dry																			
10-Aug-07	Dry																			
26-Sep-07	Dry																			
10-Oct-07	Maxx	7.00	1810	424	280	0.38	< 1	0.11	1.5	0.12	< 0.01	< 0.05	0.03	120	190	47	7	37	470	0.0003
31-Oct-07	MAX																			
29-Nov-07	Maxx	7.00	981	214	150	0.03	< 1	0.20	0.57	0.11	< 0.01	< 0.05	0.06	82	79	18	3	< 10	270	0.0002

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	**Comments**
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 1								
	10-Apr-92		N/A	N/A	10		0.26	clear, good flow
	11-Jun-92		800	9.20	18		0.02	Numerous water insects, patchy scom on surface
	13-Aug-92		1000	7.60	13		0.33	Yellowish, some sediment, creek bottom reddish
	10-Nov-92		1000	7.60	7		0.14	Slight yellow colour, fast flow
	20-Apr-93		700	9.10	5		0.32	Dirty brown, heavy sediment. silty bottom
	10-Jun-93		800	9.20	14		0.16	Fairly clear, silty bottom
	02-Sep-93		700	7.60	17	6.79	0.14	Clear, little flow, silty bottom, weeds
	05-Nov-93		1100	7.90	8	11.62	0.13	Clear, little flow
	30-Nov-93		800	8.00	2	10.9	0.20	Clear, silty bottom
	13-Apr-94	Spring Freshet	800	7.40	5	5.62	0.34 (sg=0.44m)	Yellow/brown colour, weeds, some sediment
	04-May-94	Spring Dry	800	8.20	14	5.51	0.10 (sg=0.22m)	Yellowish colour, very clear, reddish brown mud bottom
	26-May-94	Spring Rain	700	8.10	11	10.17	0.22 (sg=0.46m)	Brown colour, silty, high level
	17-Jun-94	June Dry	600	7.10	20	10.95	0.11 (sg=0.08m)	Clear yellow, biological growth on surface, slow flow
	04-Aug-94	Summer Rain	800	8.00	15	10.85	0.06 (sg=0.19m)	Very weedy, silty bottom, 7 cm silt up staff gauge
	17-Aug-94	August Dry	700	7.10	13	9.36	>0.01 (sg=0.08m)	Silty/muddy/weedy bottom, algea growth in water
	14-Oct-94	Fall Dry	800	7.90	8	11.35	0.16 (sg=0.17m)	Yellow coloured, flow through small channels
	21-Nov-94	Fall Rain	700	8.00	8	10.87	0.20 (sg=0.16m)	Fairly clear, weedy
	13-Apr-95	Spring Freshet	900	8.00	5	10.95	0.24(sg=0.18m)	Muddy/weedy bottom, clear/yellow coloured, algae noted at banks
	28-Apr-95	Spring Dry	700	8.10	10	10.15	0.23(sg=0.30m)	Muddy/weedy bottom, clear, turtles and bugs present
	17-May-95	Spring Rain	800	7.30	12	8.21	0.33(sg=0.23m)	Weedy growth present, fairly clear, silty sandy bottom, good flow
	30-Jun-95	June Dry	800	7.80	18	6.34	(sg=0.17m)	Clear yellowish colour
	23-Aug-95	August Dry	800	7.30	17	6.33	(sg=0.20m)	Fairly clear, very weedy bottom, algae
	20-Oct-95	Fall Dry	700	7.80	12	7.42	(sg=0.15m)	Clear yellowish colour, very weedy bottom, lots of bugs
	28-Nov-95	Fall Rain	895	7.50	4.8	10	(sg=0.25m)	Fairly clear, some grass and reeds
	16-Apr-96	Spring Freshet	664	8.10	5.1	5.6	0.31	Good Flow
	27-May-96	Spring Dry	800	7.80	12	6.5	0.2	Some Flow, concentrated in centre, lots of weeds
	18-Jun-96	Spring Rain	850	N/A	15	5.5	0.25	Some Flow, Lots of reeds
	06-Aug-96	June Dry	900	N/A	12		0.175	Very little flow, lots of grass growing
	07-Oct-96	August Dry	N/A	N/A	N/A	N/A	0.205	Little flow, Lots of reeds
	30-Oct-96	Summer Rain	833	7.80	8.8	5.1	0.28	Good flow, some weeds
	06-Dec-96	Fall Rain	991	7.60	4.1	3.9	0.22	Good flow
	16-Apr-97	Spring Freshet	778	7.60	6.9	6.3	0.24	Good flow, some algae growing in creek
	23-May-97	Spring Dry	775	7.30	10.2	6.7	0.2	Good flow
	07-Aug-97	Summer Dry	720	6.60	11.4	3.7	0.13	Lots of Reeds, some flow
	18-Nov-97	Fall Dry	720	7.50	5.8	4.9	0.155	Some flow, clear water
	26-Nov-97	Fall Rain	768	7.40	8	3.2	0.2	Flowing, clear
	17-Jun-98	Spring Rain	789	7.80	17.6	4.2	(sg=0.250)	Water moving slowly
	07-Dec-98	Fall Rain	576	6.80	9.1	5.3	(sg=0.43)	Beaver dam in culvert, evidence of runoff (with sediments) from bush lot
	23-Apr-99	Spring Freshet	556	7.70	8.3	5.2	(sg = 0.200)	Good flow, silt in bottom of creek
	30-Jun-99	Summer Rain	N/A	N/A	N/A	N/A	N/A	
	06-Dec-99	Fall Rain	411	7.10	9.2	6.2	(sg = 0.175)	Some flow, murky water
	15-Mar-00	Spring Freshet	416	7.50	4.5	6.5	(sg = 0.200)	Some flow; Algae growing in bottom; Bushlot visibly discharging water
	20-Sep-00	Fall Dry	260	7.90	15.3	3.2		Very little flow - almost still; some surface water sediment
	27-Nov-00	Fall Rain	514	6.70	7.3	4.7	(sg = 0.135)	Very little flow; bits of silt present on bottom of creek bed
	20-Mar-01	Spring Freshet	381	7.61	6.4	5.3	(sg=0.25m)	Visible TSS, Visible discharge from Bushlot, some flow
	10-Oct-01	Fall Dry	675	7.70	9	1.9		No flow, Lots of suspended solids
	03-Dec-01	Fall rain	670	7.90	7.9	3.5	(sg=0.18m)	
	18-Feb-02	Spring Freshet						Not enough water to grab samples.
	17-Apr-02	April Dry						Dry Conditions with warm temperatures - no flows observed
	15-May-02	Spring Rain						No flow observed
	06-Jun-02	Summer Rain	848	7.80	11.7	N/A	(sg=0.200)	Very little flow, water is fairly clear
	17-Jun-02	June Dry						No dry conditions due to heavy rains, Dry event could not be completed

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 1								
	12-Aug-02	August Dry						No rain for 10 days, no surface water to sample
	25-Oct-02	October Dry						No more than 2 dry days in a row, no samples taken
	23-Dec-02	Fall Rain						Rains for 2 days, still not enough water to sample
	18-Mar-03	Spring Freshet	306	7.40	5	8.49	(sg=0.230)	Good flow, visible TSS
	28-Apr-03	April Dry						No sample taken - Could not get 5 days of no rain
	26-May-03	Spring Rain						No sample taken - Although there was rain, no water to sample
	18-Jun-03	June Dry						No sample taken - Could not get 5 days of no rain
	06-Aug-03	Summer Rain	649	7.90	15	7.09	(sg=0.100)	Water but no flow, clear
	26-Aug-03	August Dry						No sample taken - Could not get 5 days of no rain
	24-Oct-03	October Dry						No sample taken - Could not get 5 days of no rain
	19-Nov-03	Fall Rain	483	7.90	10.8	8.14	(sg=0.300)	Good Flow
	10-Mar-04	Spring Freshet	649	7.30	5.2	7.77	(sg=0.210)	Low flow
	22-Apr-04	Spring Rain						No sample taken - Although there was rain, no water to sample
	27-May-04	April Dry	750	7.80	16.5	3.63	(sg=0.750)	Grate blocked with plastic. Suspect beaver dam inside culvert. Some flow.
	28-Jun-04	June Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	17-Aug-04	August Dry	647	7.80	15.2	9.52	(sg=0.590)	Some flow, algae observed on surface, some flooding due to gravel in culvert.
	19-Oct-04	Summer Rain	981	8.20	6.3	8.83	(sg=0.530)	Very little flow, algae growth, clear. Silt back up is around 0.6m deep.
	28-Oct-04	October Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	08-Dec-04	Fall Rain	540	7.85	8		(sg=0.600)	Some flow, clear. Silt accumulation at bottom of culvert (~0.4m).
	04-Apr-05	Spring Freshet	601	8.27	9.2	6.57	(sg=0.660m)	Some flow, Clear. Silt present at mouth of culvert.
	30-Apr-05	April Dry						No sample taken due to rain
	16-May-05	Spring Rain						No sample taken, not enough run-off after rain event on May 16. Very little rain during rest of month.
	30-Jun-05	June Dry						No samples taken, dry
	25-Aug-05	August Dry						No sample taken, not enough run-off even after rain event earlier in the week of Aug 25.
	28-Sep-05	Summer Rain						No sample taken, not enough run-off
	14-Oct-05	October Dry						No sample taken, Dry
	30-Nov-05	Fall Rain						No sample taken, not enough run-off
	24-Apr-06	Spring Freshet	553	7.70	8.1	8.74	(sg=0.660m)	Good flow, Clear
	30-Apr-06	April Dry						No Dry Period During Month
	31-May-06	Spring Rain						Rain event early in month, no run-off occuring later in month.
	09-Jun-06	June Dry						Low Water
	09-Aug-06	August Dry						Low Water
	14-Sep-06	Summer Rain	760	7.50	17.1	4.11	Dry	Very low flow
	12-Oct-06	October Dry	606	7.80	11.4	5.73	(sg=0.590m)	Good flow
	13-Dec-06	Fall Rain	488	7.30	6.5	7.5	(sg=0.600m)	Good flow, Clear. Silt build up observed.
	23-Mar-07	Spring Freshet	471	7.40	3.9	6.35	(sg=0.64m)	Good Flow, Clear
	26-Apr-07	April Dry						Dry
	17-May-07	Spring Rain	715	7.60	14.4	4.77	(sg=0.60m)	Good Flow, Clear
	19-Jun-07	June Dry						Dry, No water next day after June 9 (9.8mm) and June 19 (22.4mm).
	10-Aug-07	August Dry						Dry, No water next day after largest rain event on August 7 (18mm).
	26-Sep-07	Summer Rain						Dry. No water next day after last rain event on Sept 26 (7.8mm).
	10-Oct-07	Fall Rain						Low Water, 38 mm previous three days.
	31-Oct-07	October Dry						Dry
	29-Nov-07	Additional Fall	655	6.90	3.5	6.7	(sg=0.49m)	Low Flow, clear.
SW 2								
	10-Apr-92		900	8.40	10		0.15	Fairly clear, some red staining on creek bottom
	11-Jun-92		900	7.60	22		0.02	Clear, some red staining on creek bottom
	13-Aug-92		1200	7.80	17		0.10	Yellow sediment

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 2								
	10-Nov-92		N/A	N/A	8		0.20	Yellow, red stain/growth on weeds and grass
	01-Apr-93		1000	9.30	1		N/A	Brown, heavy sediment, gravel bottom
	20-Apr-93		1000	9.30	5		0.36	Clear, gravel bottom, weeds
	10-Jun-93		N/A	N/A	15		0.19	Dry, not sampled
	05-Nov-93		1100	8.00	7	10.71	0.13	Clear, some floating suspended particulate
	30-Nov-93		1100	8.10	1	10.45	0.50	Yellow colour
	13-Apr-94	Spring Freshet	1000	7.00	6	5.53	0.56 (sg=0.37m)	Cloudy, brown green colour, very quick flow
	26-Apr-94	Spring Rain	1200	8.10	11	10.35	0.50 (sg=0.35m)	Light yellow, clear, good flow in narrow channel
	04-May-94	Spring Dry	1000	7.90	16	5.44	0.16 (sg=0.30m)	Yellow reddish colour, fairly clear
	17-Jun-94	June Dry	1700	7.50	27	5.8	>0.05 (sg=0.10m)	Yellow colour, heavy growth, snails/minnows, slow flow
	04-Aug-94	Summer Rain	1000	8.10	14	10.51	0.10 (sg=0.11m)	Ditch almost dry, trickle, 9 cm silt up staff gauge
	17-Aug-94	August Dry					No Flow	Dry, not sampled
	14-Oct-94	Fall Dry					No Flow	Dry, not sampled
	21-Nov-94	Fall Rain	1400	8.10	9	10.6	0.07 (sg=0.10m)	Cloudy brown, ditch has been re-dug
	13-Apr-95	Spring Freshet	1600	7.80	5	11.15	0.24(sg=0.18m)	Clear/yellowish sample, heavy iron staining on north side of ditch
	28-Apr-95	Spring Dry	1200	8.20	9	10.4	0.25(sg=0.22m)	Weedy/silty bottom, good flow
	17-May-95	Spring Rain	1300	7.10	11	7.1	0.15(sg=0.16m)	Clear/yellowish colour, some silt, heavy weed growth in ditch
	30-Jun-95	June Dry					No Flow	Dry, not sampled
	23-Aug-95	August Dry	1700	7.80	28	13.85	(sg=0.16m)	Fairly clear/yellowish, very weedy, lots of snails, some flow
	20-Oct-95	Fall Dry					No Flow	Dry, not sampled
	28-Nov-95	Fall Rain	1171	7.50	6.2	8	(sg=0.22m)	Some sediments, grass
	16-Apr-96	Spring Freshet	680	8.40	5.9	8.6	0.28	Ditch fairly clear, some reeds
	27-May-96	Spring Dry	1000	7.80	11	5	0.215	Reeds and grass, Some silt on bottom, water bugs, clear
	18-Jun-96	Spring Rain	1350	N/A	15	7	0.395	Fairly clear, flow
	06-Aug-96	June Dry	1400	N/A	18	N/A	0.43	Very little flow, grass and reeds
	07-Oct-96	August Dry	N/A	N/A	N/A	N/A	0.685	Ditch clear, re-cut twoweeks ago, clear, water level high
	30-Oct-96	Summer Rain	908	8.00	9.4	4.9	0.26	Some flow
	06-Dec-96	Fall Rain	1015	7.60	4	5.2	0.23	Some flow
	16-Apr-97	Spring Freshet	939	7.80	7.6	7.4	0.22	Lots of silt around staff gauge, some litter
	23-May-97	Spring Dry	933	7.20	7.2	4.8	0.2	Lots of weeds, sticks and silt
	07-Aug-97	Summer Dry	857	6.90	13.1	3.8	0.31	Water backed up; Beaver dam about 10 m downstream of SW 16.
	18-Nov-97	Fall Dry	1249	7.40	4	5.4	0.5 (top of ice)	Site is iced; sample taken at culvert 8 m downstream at open water
	26-Nov-97	Fall Rain	973	7.40	5.9	3.7	0.55	very little flowing; cloudy
	17-Jun-98	Spring Rain	2100	7.70	24.2	4.4	(sg=0.150m)	Water flowing well, clear
	07-Dec-98	Fall Rain						No flow
	23-Apr-99	Spring Freshet	1101	7.80	8.6	5.2	(sg = 0.265)	Clear, good flow
	30-Jun-99	Summer Rain	N/A	N/A	N/A	N/A	N/A	
	06-Dec-99	Fall Rain	672	6.90	7.3	5	(sg = 0.280)	Good flow, narrow channel, grass lining ditch bottom
	15-Mar-00	Spring Freshet	585	7.30	4.3	4.9	(sg = 0.275)	Clear; good flow
	20-Sep-00	Fall Dry						No sample - location was dry; ditch is overgrown with grass
	27-Nov-00	Fall Rain						No Flow
	20-Mar-01	Spring Freshet	400	7.40	5.1	4.6	(sg=0.30m)	some flow, occasional pieces of litter in ditch
	10-Oct-01	Fall Dry						Dry
	03-Dec-01	Fall rain	655	7.80	6	8.4	(sg=0.32m)	Flowing, clear
	18-Feb-02	Spring Freshet						Not enough water to grab samples.
	17-Apr-02	April Dry						Dry Conditions with warm temperatures - no flows observed
	15-May-02	Spring Rain						No flow observed
	06-Jun-02	Summer Rain						Dry
	17-Jun-02	June Dry						No dry conditions due to heavy rains, Dry event could not be completed
	12-Aug-02	August Dry						No rain for 10 days, no surface water to sample
	25-Oct-02	October Dry						No more than 2 dry days in a row, no samples taken
	23-Dec-02	Fall Rain						Rains for 2 days, still not enough water to sample

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 2								
	18-Mar-03	Spring Freshet	493	7.10	3.8	8.55	(sg=0.260)	Good flow, ditch is lined with ice
	28-Apr-03	April Dry						No sample taken - Could not get 5 days of no rain
	26-May-03	Spring Rain						No sample taken - Although there was rain, no water to sample
	18-Jun-03	June Dry						No sample taken - Could not get 5 days of no rain
	06-Aug-03	Summer Rain						Dry
	26-Aug-03	August Dry						No sample taken - Could not get 5 days of no rain
	24-Oct-03	October Dry						No sample taken - Could not get 5 days of no rain
	19-Nov-03	Fall Rain	844	7.50	10.5	5.94	(sg=0.500)	Some Flow
	10-Mar-04	Spring Freshet	570	7.40	5	5.87	(sg=0.400)	Clear, some flow
	22-Apr-04	Spring Rain						No sample taken - Although there was rain, no water to sample
	27-May-04	April Dry	853	7.97	14.7	5.54	(sg=0.375)	Clear, flowing well.
	28-Jun-04	June Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	17-Aug-04	August Dry						No sample collected, dry,
	19-Oct-04	Summer Rain						Dry
	28-Oct-04	October Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	08-Dec-04	Fall Rain	657	7.90	8.2		N/A	Some flow, clear.
	04-Apr-05	Spring Freshet	644	8.41	5	7.41	(sg=0.470m)	Good flow, clear
	30-Apr-05	April Dry						No sample taken due to rain
	16-May-05	Spring Rain						No sample taken, not enough run-off after rain event on May 16. Very little rain during rest of month.
	30-Jun-05	June Dry						No samples taken, dry
	25-Aug-05	August Dry						No sample taken, not enough run-off even after rain event earlier in the week of Aug 25.
	28-Sep-05	Summer Rain						No sample taken, not enough run-off
	14-Oct-05	October Dry						No sample taken, Dry
	30-Nov-05	Fall Rain						No sample taken, not enough run-off
	24-Apr-06	Spring Freshet	741	7.70	8.5	8.03	(sg=0.580m)	Good flow
	30-Apr-06	April Dry						No Dry Period During Month
	31-May-06	Spring Rain						Rain event early in month, no run-off occuring later in month.
	09-Jun-06	June Dry						Low Water
	09-Aug-06	August Dry						Low Water
	14-Sep-06	Summer Rain						Dry
	12-Oct-06	October Dry	810	7.40	9.4	3.48	Dry	SW2 dry, sample taken 6m downstream. Minimal Flow.
	13-Dec-06	Fall Rain	488	7.20	5.1	7.67	(sg=0.620m)	Clear. Lots of grass in ditch.
	23-Mar-07	Spring Freshet	432	7.50	4.6	8.55	(sg=0.66m)	Slow Flow, Clear.
	26-Apr-07	April Dry						Dry
	17-May-07	Spring Rain	715	7.60	14.4	4.77	(sg=0.55m)	Slow Flow, Clear.
	19-Jun-07	June Dry						Dry, No water next day after June 9 (9.8mm) and June 19 (22.4mm).
	10-Aug-07	August Dry						Dry, No water next day after largest rain event on August 7 (18mm).
	26-Sep-07	Summer Rain						Dry. No water next day after last rain event on Sept 26 (7.8mm).
	10-Oct-07	Fall Rain						Dry, 38 mm previous three days.
	31-Oct-07	October Dry						Dry
	29-Nov-07	Additional Fall						No Water, ~15cm of snow in ditch.
SW 3A								
	02-Sep-93		1200	7.50	22	13.41	0.17	Fairly clear, good flow, silty bottom, bugs
	05-Nov-93		1200	8.00	8	10.59	0.18	fairly clear, low flow
	30-Nov-93		900	8.10	1	10.75	0.22	Fairly clear
	13-Apr-94	Spring Freshet	800	7.30	6	5.55	0.34 (sg=0.25m)	Fairly clear, yellowish colour, weeds, some debris
	26-Apr-94	Spring Rain	800	8.00	11	10.42	0.28 (sg=0.29m)	Yellow colour, clear, mud bottom/weeds, minnows/insects
	04-May-94	Spring Dry	700	8.00	15	7.19	0.13 (sg=0.18m)	Silty yellowish brown, muddy bottom weeds/grass
	17-Jun-94	June Dry	900	7.50	20	9.55	>0.05 (sg=0.09m)	Heavy growth, grass/weeds/reeds, bio growth on surface

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 3A								
	04-Aug-94	Summer Rain	900	8.20	12	10.73	0.07 (sg=0.09m)	Very weedy, meandering water course, silty sample
	17-Aug-94	August Dry	900	7.70	15	9.45	0.02 (sg=0.07m)	Weedy muddy bottom, meandering water course
	14-Oct-94	Fall Dry	900	8.00	8	10.63	0.13 (sg=0.11m)	Yellowish colour, main flow through weed channel
	21-Nov-94	Fall Rain	700	8.20	9	10.72	0.33 (sg=0.20m)	Cloudy brown, good flow through channel
	13-Apr-95	Spring Freshet	900	7.90	5	10.87	0.14(sg=0.20m)	Fairly clear/yellowish, good flow, algea noted on banks
	28-Apr-95	Spring Dry	700	8.10	10	10.52	0.25(sg=0.29m)	Very clear sample, muddy/weedy bottom, lots of life, good flow
	17-May-95	Spring Rain	1000	7.30	11	6.91	0.09(sg=0.25m)	Clear/yellowish colour, heavy weed growth, flow is through weeds
	30-Jun-95	June Dry	1000	7.80	18	7.6	(sg=0.16m)	Lots of weeds
	11-Aug-95	Summer Rain	N/A	N/A	19	N/A		
	23-Aug-95	August Dry	900	7.90	19	11.71	(sg=0.18m)	Brown/green scum, yellowish sample, lots of algae, very weedy
	20-Oct-95	Fall Dry	800	7.90	12	10.59	(sg=0.15m)	Very weedy/grass, yellowish colour, flow through weeds
	28-Nov-95	Fall Rain	952	7.60	5.9	10	(sg=0.265m)	Grass in bed of stream
	16-Apr-96	Spring Freshet	715	8.60	4.5	8.5	0.32	Good flow, clear
	27-May-96	Spring Dry	950	7.90	11	5.8	0.23	Lots of reeds in water, clear
	18-Jun-96	Spring Rain	1000	N/A	15	6	0.335	Lots of weeds, good flow
	06-Aug-96	June Dry	1050	N/A	17		0.175	Very little flow
	07-Oct-96	August Dry	N/A	N/A	N/A	N/A	0.43	
	30-Oct-96	Summer Rain	812	8.00	8.8	0	0.46	Reeds and grass, high water level, good flow
	06-Dec-96	Fall Rain	1673	7.60	4.2	6.2	0.395	Good flow
	16-Apr-97	Spring Freshet	936	8.00	7.5	7	0.32	Bags around staff gauge
	23-May-97	Spring Dry	810	7.80	8.1	5.2	0.25	Some flow and flies; clear water
	07-Aug-97	Summer Dry	804	7.70	14.2	4.3	0.195	
	18-Nov-97	Fall Dry	1088	7.80	5.1	1.2	0.85	1" of ice on creek. Elevated water due to beaver dam downstream 25 m
	26-Nov-97	Fall Rain	921	7.40	7.2	2.8	0.85	Ice on creek; had to break to get sample
	17-Jun-98	Spring Rain	957	8.00	21.8	7	(sg=0.190m)	Brown and silty, flowing slowly, some floating debris
	07-Dec-98	Fall Rain	771	9.00	9.7	5.4	(sg=0.165m)	Flow moderate to slow; slightly turbid
	23-Apr-99	Spring Freshet	652	8.00	5.9	5.9	(sg=0.270 m)	Clear, good flow
	30-Jun-99	Summer Rain	N/A	N/A	N/A	N/A	N/A	
	06-Dec-99	Fall Rain	672	6.70	6.7	7.2	(sg=0.280 m)	Some flow, clear
	15-Mar-00	Spring Freshet	463	7.40	5.3	6.7	(sg = 0.250)	Creek is clear of debris; good flow
	20-Sep-00	Fall Dry	130	7.60	13.7	7.7	(sg = 0.090)	Very little flow - water level very low; creek bed is silty
	27-Nov-00	Fall Rain	535	7.10	14.1	4.8	(sg = 0.145)	Some flow; clear; silty bottom
	20-Mar-01	Spring Freshet	372	7.60	6.2	5.1	(sg=0.20m)	Some flow, Stream bed clear of debri, Very clear
	10-Oct-01	Fall Dry	913	7.60	9.5	2.1		Very little flow, trickle
	03-Dec-01	Fall rain	665	8.00	8.4	3.7	(sg=0.296m)	Flowing, clear
	18-Feb-02	Spring Freshet						Not enough water to grab samples.
	17-Apr-02	April Dry						Dry Conditions with warm temperatures - no flows observed
	15-May-02	Spring Rain						No flow observed
	06-Jun-02	Summer Rain	588	7.80	12.6	N/A	(sg=0.195)	Good flow, clear
	17-Jun-02	June Dry						No dry conditions due to heavy rains, Dry event could not be completed
	12-Aug-02	August Dry						No rain for 10 days, no surface water to sample
	25-Oct-02	October Dry						No more than 2 dry days in a row, no samples taken
	23-Dec-02	Fall Rain						Rains for 2 days, still not enough water to sample
	18-Mar-03	Spring Freshet	427	7.40	4.8	9.05	(sg=0.410)	Good flow, creek is lined with ice
	28-Apr-03	April Dry						No sample taken - Could not get 5 days of no rain
	26-May-03	Spring Rain						No sample taken - Although there was rain, no water to sample
	18-Jun-03	June Dry						No sample taken - Could not get 5 days of no rain
	06-Aug-03	Summer Rain						Wet, no water
	26-Aug-03	August Dry						No sample taken - Could not get 5 days of no rain
	24-Oct-03	October Dry						No sample taken - Could not get 5 days of no rain
	19-Nov-03	Fall Rain	587	7.70	11	7.6	(sg=0.490)	Good flow, silty
	10-Mar-04	Spring Freshet	650	7.50	1.6	8.87	(sg=0.250)	Clear, some flow

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 3A								
	22-Apr-04	Spring Rain						No sample taken - Although there was rain, no water to sample
	27-May-04	April Dry	801	7.89	13.3	8.14	(sg=0.220)	Water faily clear, some flow.
	28-Jun-04	June Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	17-Aug-04	August Dry	830	8.02	14.5	8.35	(sg=0.100)	Minor flow, clear.
	19-Oct-04	Summer Rain	1124	8.30	8.4	8.3	Water below Level	Very little flow, clear.
	28-Oct-04	October Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	08-Dec-04	Fall Rain	574	7.89	4.9		(sg=0.300)	Some flow, clear.
	04-Apr-05	Spring Freshet	642	8.08	5.2	7.98	(sg=0.350m)	Moderate flow, clear
	30-Apr-05	April Dry						No sample taken due to rain
	16-May-05	Spring Rain						No sample taken, not enough run-off after rain event on May 16. Very little rain during rest of month.
	30-Jun-05	June Dry						No samples taken, dry
	25-Aug-05	August Dry						No sample taken, not enough run-off even after rain event earlier in the week of Aug 25.
	28-Sep-05	Summer Rain						No sample taken, not enough run-off
	14-Oct-05	October Dry						No sample taken, Dry
	30-Nov-05	Fall Rain						No sample taken, not enough run-off
	24-Apr-06	Spring Freshet	625	7.80	8.2	8.1	(sg=0.460m)	Good Flow. Garbage observed on east side of Access road.
	30-Apr-06	April Dry						No Dry Period During Month
	31-May-06	Spring Rain						Rain event early in month, no run-off occuring later in month.
	09-Jun-06	June Dry						Low Water
	09-Aug-06	August Dry						Low Water
	14-Sep-06	Summer Rain						Dry
	12-Oct-06	October Dry	705	7.60	8.6	6.27	(sg=0.400m)	Slow flow, good volume of water in creek.
	13-Dec-06	Fall Rain	507	7.40	5.8	8.15	(sg=0.470m)	Slow flow, good volume of water in creek.
	23-Mar-07	Spring Freshet	458	7.60	4.5	7.7	(sg=0.39m)	Slow Flow, Clear.
	26-Apr-07	April Dry						Dry
	17-May-07	Spring Rain	630	8.00	13.4	7.75	(sg=0.32m)	Slow Flow, Clear.
	19-Jun-07	June Dry						Dry, No water next day after June 9 (9.8mm) and June 19 (22.4mm).
	10-Aug-07	August Dry						Dry, No water next day after largest rain event on August 7 (18mm).
	26-Sep-07	Summer Rain						Dry. No water next day after last rain event on Sept 26 (7.8mm).
	10-Oct-07	Fall Rain						Dry, 38 mm previous three days.
	31-Oct-07	October Dry						Dry
	29-Nov-07	Additional Fall	700	7.00	3.8	9.89	(sg=0.18m)	Slow Flow, Clear. Leaves lining bottom of Creek.
SW 4								
	10-Apr-92		N/A	N/A	10		0.08	Clear, good flow out of culvert
	11-Jun-92							Not sampled
	13-Aug-92		1200	7.60	15		0.50	Fairly clear, biological build up on culvert
	10-Nov-92		1000	8.00	7		0.50	Yellowish red, red staining on culvert and grass
	20-Apr-93		600	9.30	5		1.00	Cloudy, discharge from wetland appears silty
	10-Jun-93		600	9.20	14		0.29	Some silt, fast flow out of wetland
	29-Nov-93	Spring Freshet	900	8.10	1	11.04	0.66	Yellow colour
	13-Apr-94	Spring Rain	600	7.40	6	5.68	1.33	Cloudy brown, silty. Entering clear ditch water
	26-May-94	Summer Rain	700	8.10	11	4.2	0.27	Light yellow colour, some visible particles
	04-Aug-94	Fall Rain	900	8.10	14	11.31	0.19	Trickle from culvert, previously dry
	21-Nov-94	Spring Freshet					No Flow	Dry, not sampled although there has been substantial rain falls
	13-Apr-95	Spring Rain	700	8.00	3	11.35	0.13	Debris in culvert (twigs etc.), fairly good flow
	17-May-95	Summer Rain	700	6.90	12	4.38	0.33	Clear, good flow through culvert
	28-Nov-95	Fall Rain	1615	7.60	5.7	11		Leaf accumulation in ditch, lots of growing, very little flow
	16-Apr-96	Spring Freshet	734	8.20	5.1	10.8		Grass in ditch,
	18-Jun-96	Spring Rain	1150	N/A	15	6		Very little flow, lots of grass in ditch

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	**Comments**
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 4								
	30-Oct-96	Summer Rain	675	8.10	9.2	4.5		Good flow
	06-Dec-96	Fall Rain	720	7.40	2.5	2.4		Good flow
	16-Apr-97	Spring Freshet	557	7.60	7.2	4.3		Good flow
	26-Nov-97	Fall Rain	701	7.40	10.3	2.2		Sampled for TSS only; flow well clear
	17-Jun-98	Spring Rain					No Flow	No flow
	07-Dec-98	Fall Rain					No Flow	No flow
	23-Apr-99	Spring Freshet	479	8.30	8	2.1		Clear, good flow
	30-Jun-99	Summer Rain	N/A	N/A	N/A	N/A	N/A	
	06-Dec-99	Fall Rain	319	6.80	10.5	1.2		Good flow from pipe, foam present
	15-Mar-00	Spring Freshet	315	7.00	4.2	3		Good flow; clear
	20-Sep-00	Fall Dry						No sample - pipe is not discharging
	27-Nov-00	Fall Rain						No Flow
	20-Mar-01	Spring Freshet	288	7.10	3.8	2.1		Good flow from pipe
	10-Oct-01	Fall Dry						Dry
	03-Dec-01	Fall rain	355	7.60	7.7	1		Flowing, cloudy
	18-Feb-02	Spring Freshet						Not enough water to grab samples.
	15-May-02	Spring Rain						No flow observed
	06-Jun-02	Summer Rain						Dry
	23-Dec-02	Fall Rain						Rains for 2 days, still not enough water to sample
	18-Mar-03	Spring Freshet						No Flow from culvert, frozen
	26-May-03	Spring Rain						No sample taken - Although there was rain, no water to sample
	06-Aug-03	Summer Rain						No flow
	19-Nov-03	Fall Rain	513	7.60	11.9	2.52		Good flow, culvert half full
	10-Mar-04	Spring Freshet	418	7.40	6.9	4.57		Clear, good flow
	22-Apr-04	Spring Rain						No sample taken - Although there was rain, no water to sample
	27-May-04	April Dry	444	7.82	15.1	2.88		Clear, some flow
	17-Aug-04	August Dry						No sample collected, dry,
	19-Oct-04	Summer Rain						No flow
	08-Dec-04	Fall Rain	444	7.66	9.5			Good flow, culvert third full
	04-Apr-05	Spring Freshet	404	7.94	6.1	4.47		Pipe is flowing half full, clear
	30-Apr-05	April Dry						No sample taken due to rain
	16-May-05	Spring Rain						No sample taken, not enough run-off after rain event on May 16. Very little rain during rest of month.
	25-Aug-05	August Dry						No sample taken, not enough run-off even after rain event earlier in the week of Aug 25.
	28-Sep-05	Summer Rain						No sample taken, not enough run-off
	30-Nov-05	Fall Rain						No sample taken, not enough run-off
	24-Apr-06	Spring Freshet	470	7.80	8.9	5.18		Culvert flowing (half full), clear.
	30-Apr-06	April Dry						No Dry Period During Month
	31-May-06	Spring Rain						Dry
	09-Aug-06	August Dry						Dry
	14-Sep-06	Summer Rain						Dry
	12-Oct-06	October Dry	411	7.40	9.5	1.81		low flow. Water discoloured due to large amounts of leaves in bush.
	13-Dec-06	Fall Rain	370	7.10	5	5.8		Some flow in culvert (about half full), clear.
	23-Mar-07	Spring Freshet	277	7.80	3.9	8.39		Good Flow. Pipe 3/4 full. Ice cover in bused area.
	26-Apr-07	April Dry						Dry
	17-May-07	Spring Rain	245	7.60	13.3	2.71		Good Flow. Pipe 1/4 full.
	10-Aug-07	August Dry						Dry, No water next day after largest rain event on August 7 (18mm).
	26-Sep-07	Summer Rain						Dry. No water next day after last rain event on Sept 26 (7.8mm).
	10-Oct-07	Fall Rain						Dry, 38 mm previous three days.
	31-Oct-07	October Dry						Dry
	29-Nov-07	Additional Fall						Dry
SW 5								

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 5								
	10-Apr-92		N/A	N/A	10		0.02	Clear
	11-Jun-92		1600	7.40	15		0.02	Clear
	13-Aug-92		1400	7.40	14		0.05	Clear, slow
	10-Nov-92		1800	7.80	8		0.04	Clear, some sediment
	20-Apr-93		1500	9.30	5		0.15	Fairly clear, yellow colour, some silt, silty bottom
	10-Jun-93		1200	8.90	14		0.14	Some suspended silt, very silty bottom
	02-Sep-93		400	7.70	17	6.3	0.06	Dark colour, lots of silt and weeds, slow
	05-Nov-93		1000	8.00	7	11.87	0.06	Dirty brown colour, slow
	30-Nov-93		1100	8.00	1	11.21	0.12	Dark colour, weed and algae growth
	13-Apr-94	Spring Freshet	2400	7.20	6.5	5.66	0.08 (sg=0.28m)	Clear through weeds, some sediment load
	04-May-94	Spring Dry	2100	7.60	12	5.43	0.03 (sg=0.21m)	Light yellow, clear, lot of weeds at culvert opening
	26-May-94	Spring Rain	1000	8.00	11	10.53	0.10 (sg=0.31m)	Brown colour, very silty, mud bottom, weeds/grass
	17-Jun-94	June Dry	1800	7.40	19	9.55	>0.05 (sg=0.13m)	Clear yellow, heavy growth, liitle flow
	04-Aug-94	Summer Rain	1200	8.00	19	11.23	0.05 (sg=0.12m)	Very weedy, sample appears silty
	17-Aug-94	August Dry					No Flow	Dry, not sampled, some small stagnant pools
	14-Oct-94	Fall Dry					No Flow	Dry, not sampled, some small stagnant pools
	21-Nov-94	Fall Rain	600	8.00	9	11.2	0.10 (sg=0.17m)	Fairly clear, lots of reeds and grass
	13-Apr-95	Spring Freshet	2200	7.80	5	11.05	0.02(sg=0.18m)	Clear/yellow colour, lots of weeds/mud
	28-Apr-95	Spring Dry	1600	8.00	10	10.05	0.09(sg=0.22m)	Clear, silty/muddy/weedy botom, lots of reeds
	17-May-95	Spring Rain	1000	7.40	13	10.7	0.08(sg=0.20m)	Clear with some silt, growth around staff gauge
	30-Jun-95	June Dry	2100	7.60	18	5.3	(sg=0.14m)	Very weedy
	23-Aug-95	August Dry	2000	7.50	18	6.89	(sg=0.19m)	Clear/yellow sample, very weedy, scum orange film, minimal flow
	20-Oct-95	Fall Dry	2200	7.70	12	6.84	(sg=0.18m)	Very weedy/bull rushes, minimal flow
	28-Nov-95	Fall Rain	4450	7.80	6	8	(sg=0.255m)	Lots of grass and reeds
	16-Apr-96	Spring Freshet	1418	8.10	6.3	8.5	0.275	Some flow, lots of reeds
	27-May-96	Spring Dry	1800	8.20	11	6.2	0.245	Some flow, weeds, some silt
	18-Jun-96	Spring Rain	1200	N/A	16	6.3	0.265	Some flow, lots of reeds and grass
	06-Aug-96	June Dry	2150	N/A	16	N/A	0.225	Very little flow, Lots of reeds
	07-Oct-96	August Dry	N/A	N/A	N/A	N/A	0.22	Lots of reeds
	30-Oct-96	Summer Rain	1244	8.00	10.2	5.4	0.29	Some flow, lots of reeds
	06-Dec-96	Fall Rain	6260	7.80	6.5	5.4	0.235	Little flow, water cloudy, Gas Line work on Speedvale
	16-Apr-97	Spring Freshet	1133	7.70	7.3	6.7	0.27	Some garbage around area. Very little flow coming from silt dams
	23-May-97	Spring Dry	1597	7.30	9.6	6.9	0.26	No flow
	07-Aug-97	Summer Dry						No flow - dry
	18-Nov-97	Fall Dry	16370	7.50	3.8	3.5	0.25	Leaves lining bottom of creek, no flow, clear water
	26-Nov-97	Fall Rain	2110	7.60	10.9	6.4	0.25	Cloudy, no flow
	17-Jun-98	Spring Rain	486	7.80	20.8	3.3	(sg=0.40m)	Standing water
	07-Dec-98	Fall Rain	1350	6.80	8.9	5.8	(sg=0.23m)	Very slight flow
	23-Apr-99	Spring Freshet	964	7.70	8.6	5.7	(sg=0.315m)	Standing water, clear
	30-Jun-99	Summer Rain	N/A	N/A	N/A	N/A	N/A	
	06-Dec-99	Fall Rain	474	7.10	10.2	6.5	water below gauge	Very small flow through silt in culvert, very narrow
	15-Mar-00	Spring Freshet	636	7.40	4.8	7.2	(sg = 0.050)	Trickling flow
	27-Mar-00	MOEE Samples	431	7.40	7.7	7.3		Good flow; somewhat of a trickle
	20-Sep-00	Fall Dry						No sample - location is dry; pile of silt has formed in creek 6 m downstream; removed silt
	27-Nov-00	Fall Rain	1253	7.10	6.5	4.1	(sg = 0.050)	Very little flow / still; some silt in bottom
	20-Mar-01	Spring Freshet	552	7.60	5.5	6	(sg=0.10m)	Very little flow, clear
	10-Oct-01	Fall Dry						Dry
	03-Dec-01	Fall rain	974	7.90	8.8	3.8	(sg=0.13m)	No real flow (trickle), clear
	18-Feb-02	Spring Freshet						Not enough water to grab samples.
	17-Apr-02	April Dry						Dry Conditions with warm temperatures - no flows observed
	15-May-02	Spring Rain						No flow observed

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 5								
	06-Jun-02	Summer Rain	134	7.60	11.7			Some flow
	17-Jun-02	June Dry						No dry conditions due to heavy rains, Dry event could not be completed
	12-Aug-02	August Dry						No rain for 10 days, no surface water to sample
	25-Oct-02	October Dry						No more than 2 dry days in a row, no samples taken
	23-Dec-02	Fall Rain						Rains for 2 days, still not enough water to sample
	18-Mar-03	Spring Freshet	744	7.50	3.4	9.8	(sg=0.280)	Low flow, visible TSS
	28-Apr-03	April Dry						No sample taken - Could not get 5 days of no rain
	26-May-03	Spring Rain						No sample taken - Although there was rain, no water to sample
	18-Jun-03	June Dry						No sample taken - Could not get 5 days of no rain
	06-Aug-03	Summer Rain						Very little water
	26-Aug-03	August Dry						No sample taken - Could not get 5 days of no rain
	24-Oct-03	October Dry						No sample taken - Could not get 5 days of no rain
	19-Nov-03	Fall Rain	657	7.70	11.2	8.3	(sg=0.250)	Some flow, clear
	10-Mar-04	Spring Freshet	1115	7.60	4.3	8.73	(sg=0.100)	Clear, trickle flow
	22-Apr-04	Spring Rain						No sample taken - Although there was rain, no water to sample
	27-May-04	April Dry	944	8.09	15.6	6.9	(sg=0.075)	Clear, trickle flow
	28-Jun-04	June Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	17-Aug-04	August Dry						No sample collected, dry,
	19-Oct-04	Summer Rain						No flow
	28-Oct-04	October Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	08-Dec-04	Fall Rain	965	8.08	8.6		(sg=0.200)	Very little flow, clear.
	04-Apr-05	Spring Freshet	960	8.51	6.5	9.68	(sg=0.210m)	Some flow, visible TSS
	30-Apr-05	April Dry						No sample taken due to rain
	16-May-05	Spring Rain						No sample taken, not enough run-off after rain event on May 16. Very little rain during rest of month.
	30-Jun-05	June Dry						No samples taken, dry
	25-Aug-05	August Dry						No sample taken, not enough run-off even after rain event earlier in the week of Aug 25.
	28-Sep-05	Summer Rain						No sample taken, not enough run-off
	14-Oct-05	October Dry						No sample taken, Dry
	30-Nov-05	Fall Rain						No sample taken, not enough run-off
	24-Apr-06	Spring Freshet	933	7.80	8	8.8	(sg=0.260m)	Slow flow, clear.
	30-Apr-06	April Dry						No Dry Period During Month
	31-May-06	Spring Rain						Rain event early in month, no run-off occuring later in month.
	09-Jun-06	June Dry						Low Water
	09-Aug-06	August Dry						Low Water
	14-Sep-06	Summer Rain						Dry
	12-Oct-06	October Dry	1063	7.70	10.8	7.8	(sg=0.230m)	No flow. Lots of leaves and grass.
	13-Dec-06	Fall Rain	707	7.40	6.8	9.05	(sg=0.270m)	No flow.
	23-Mar-07	Spring Freshet	825	8.00	5.6	8.88	(sg=0.29m)	Slow to No Flow. Ice/slush blockage upstream.
	26-Apr-07	April Dry						Dry
	17-May-07	Spring Rain	959	8.40	12.7	6.55	(sg=0.20m)	Slow Flow, Clear.
	19-Jun-07	June Dry						Dry, No water next day after June 9 (9.8mm) and June 19 (22.4mm).
	10-Aug-07	August Dry						Dry, No water next day after largest rain event on August 7 (18mm).
	26-Sep-07	Summer Rain						Dry. No water next day after last rain event on Sept 26 (7.8mm).
	10-Oct-07	Fall Rain						Dry, 38 mm previous three days.
	31-Oct-07	October Dry						Dry
	29-Nov-07	Additional Fall	1281	6.90	3.8	10	(sg=0.19m)	Slow to No Flow, Clear. Leaves/silt buildup in ditch..
SW 7								
	10-Apr-92		N/A	N/A	10		0.07	Clear
	11-Jun-92		800	7.40	14		0.02	Clear, red staining on creek bottom

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	**Comments**
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 7								
	13-Aug-92		1000	7.40	14		0.25	Slightly yellow, good flow
	10-Nov-92		900	7.60	6		0.14	Reddish staining on creek bottom and grass
	20-Apr-93		700	9.20	5		0.40	Clear, fast, gravel bottom, red staining on culvert
	10-Jun-93		800	8.40	15		0.22	Clear
	01-Sep-93				1			Dry, not sampled
	26-May-94	Spring Rain	700	8.10	11	7.56	0.21	Light yellow colour, good flow
	17-Jun-94	June Dry	1000	7.10	21	1.4	>0.05	Yellow colour, some ponding and stagnant areas
	17-Aug-94	August Dry						Dry, not sampled
	21-Nov-94	Fall Rain	2000	8.10		11.15	0.06	Clear, gravelly bottom, weeds
	17-May-95	Spring Rain	900	7.10	13	5.26	0.05	Clear sample, gravel bottom, little growth
	30-Jun-95	June Dry					No Flow	Dry, not sampled
	23-Aug-95	August Dry					No Flow	Dry, not sampled
	28-Nov-95	Fall Rain	810	7.80	4.4	9	N/A	Some grass and leaves in creek
	18-Jun-96	Spring Rain	800	N/A	16	5.7	N/A	Fairly good flow, some sticks in culvert
	06-Aug-96	June Dry	1400	N/A	18	N/A		No flow
	07-Oct-96	August Dry	N/A	N/A	N/A	N/A	N/A	Little flow, scum observed on water down stream
	06-Dec-96	Fall Rain	819	7.60	2.3	5.2	N/A	Good flow
	26-Nov-97	Fall Rain	1182	7.90	3.6	3.8	N/A	Water clear and running
	17-Jun-98	Spring Rain						No flow
	07-Dec-98	Fall Rain	781	7.60	10.1	4.2	N/A	Some flow; lots of woody debris
	23-Apr-99	Spring Freshet						Not sampled
	30-Jun-99	Summer Rain	N/A	N/A	N/A	N/A	N/A	
	06-Dec-99	Fall Rain	447	6.80	9	5.2	N/A	Good flow
	15-Mar-00	Spring Freshet	187	7.10	4	4.5		Some flow; clear
	20-Sep-00	Fall Dry						No sample - flow path is dry; lined with old leaves
	27-Nov-00	Fall Rain	672	6.70	7.1	4.3		Some flow; lots of leaves lining bottom
	20-Mar-01	Spring Freshet	104	7.30	2.2	4.2		Water flowing, clear
	10-Oct-01	Fall Dry						Dry
	03-Dec-01	Fall rain	704	7.80	8	3		Slight flow, clear
	18-Feb-02	Spring Freshet						Not enough water to grab samples.
	15-May-02	Spring Rain						No flow observed
	06-Jun-02	Summer Rain	924	7.50	13			Very little flow, almost still. A few sticks in culvert, clear.
	17-Jun-02	June Dry						No dry conditions due to heavy rains, Dry event could not be completed
	12-Aug-02	August Dry						No rain for 10 days, no surface water to sample
	25-Oct-02	October Dry						No more than 2 dry days in a row, no samples taken
	23-Dec-02	Fall Rain						Rains for 2 days, still not enough water to sample
	18-Mar-03	Spring Freshet	592	7.60	2.2	6.84		Excellent flow, clear. Note construction on adjacent property
	26-May-03	Spring Rain						No sample taken - Although there was rain, no water to sample
	18-Jun-03	June Dry						No sample taken - Could not get 5 days of no rain
	06-Aug-03	Summer Rain						Very little water, construction continues on adjacent property
	26-Aug-03	August Dry						No sample taken - Could not get 5 days of no rain
	24-Oct-03	October Dry						No sample taken - Could not get 5 days of no rain
	19-Nov-03	Fall Rain						No Access due to construction
	10-Mar-04	Spring Freshet						No access due to construction on adjacent property along Watson Rd.
	22-Apr-04	Spring Rain						No sample taken - Although there was rain, no water to sample
	27-May-04	April Dry	468	7.83	16.1	6.81		Water has visible TSS. Note silt fence near construction has been breached by about 0.9m of water.
	28-Jun-04	June Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	17-Aug-04	August Dry						No flow, small puddle, not enough water to sample.
	19-Oct-04	Summer Rain						No flow
	28-Oct-04	October Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 7								
	08-Dec-04	Fall Rain	406	7.98	9.3			Moderate flow, clear. Silt fence up stream is overflowing with water.
	04-Apr-05	Spring Freshet	499	8.00	6.1	6.72		Good flow, Silt fence up-stream is being breached by water
	30-Apr-05	April Dry						No sample taken due to rain
	16-May-05	Spring Rain						No sample taken, not enough run-off after rain event on May 16. Very little rain during rest of month.
	30-Jun-05	June Dry						No samples taken, dry
	25-Aug-05	August Dry						No sample taken, not enough run-off even after rain event earlier in the week of Aug 25.
	28-Sep-05	Summer Rain						No sample taken, not enough run-off
	14-Oct-05	October Dry						No sample taken, Dry
	30-Nov-05	Fall Rain						No sample taken, not enough run-off
	24-Apr-06	Spring Freshet	459	7.80	9.2	8.23		Good flow. Visible silt.
	30-Apr-06	April Dry						No Dry Period During Month
	31-May-06	Spring Rain						Rain event early in month, no run-off occuring later in month.
	09-Jun-06	June Dry						Low Water
	09-Aug-06	August Dry						Low Water
	14-Sep-06	Summer Rain	307	7.90	17.6	6.21		Good Flow. Lots of TSS (Silty).
	12-Oct-06	October Dry	377	7.80	9.8	7.55		Good flow. Visible TSS.
	13-Dec-06	Fall Rain	303	7.40	6.5	9.5		Good flow. Visible TSS.
	23-Mar-07	Spring Freshet	539	7.00	5.1	8.14		Slow Flow, Visible TSS.
	26-Apr-07	April Dry						Dry
	17-May-07	Spring Rain	479	8.00	12.9	8.05		Good Flow, Lots of Visible TSS.
	19-Jun-07	June Dry						Dry, No water next day after June 9 (9.8mm) and June 19 (22.4mm).
	10-Aug-07	August Dry						Dry, No water next day after largest rain event on August 7 (18mm).
	26-Sep-07	Summer Rain						Dry. No water next day after last rain event on Sept 26 (7.8mm).
	10-Oct-07	Fall Rain	331	7.10	12.8	5.31		Very Slow Flow, Visible TSS.
	31-Oct-07	October Dry						Dry
	29-Nov-07	Additional Fall	950	7.00	4	10.2		Flowing, Visible TSS.
SW 15								
	15-Apr-92		N/A	N/A	N/A	N/A	0.25	Clear, some sediment
	11-Jun-92		700	7.40	17		0.04	Oily film, some sediment, red stain along bank
	13-Aug-92		700	7.40	15		0.14	Oily film, Heavy biological build up on weeds, creating excessive sediment
	10-Nov-92		700	7.80	4		0.10	Clear, good volume
	20-Apr-93		600	9.00	6		0.25	Very clear, rock/gravel bottom, high volume
	10-Jun-93		700	9.00	13		0.18	Fairly clear, mud/rock bottom, weeds
	02-Sep-93		500	7.80	23	5.14	0.08	Dark colour, lots of algal growth
	30-Nov-93		1000	8.20	1	11.34	0.14	Clear, ice on edge
	26-May-94	Spring Rain	700	8.30	14	3.7	0.21	Yellow colour, good volume, suspended particles visible
	17-Jun-94	June Dry	700	7.20	26	5.3	0.05	Cloudy yellow, abundant invertebrates, little flow
	17-Aug-94	August Dry	600	7.20	13	6.74	0.03	Lots of algae growth, oily film on surface, muddy bottom
	21-Nov-94	Fall Rain	700	8.10	6	10.83	0.13	Murky dark colour, ditch has been reworked on right side
	17-May-95	Spring Rain	600	7.30	15	5.25	0.17	Very clear, algae on top, some suspended sediments, good flow
	30-Jun-95	June Dry	700	7.60	22	5.48		Faily clear, algae, slow flow
	23-Aug-95	August Dry	700	7.00	23	6.7	N/A	Clear, lots of algae, lots of minnows
	28-Nov-95	Fall Rain	810	7.60	2	9	N/A	Ice and snow but creek is clear
	18-Jun-96	Spring Rain	700	N/A	17	3	N/A	Lots of suspended particulate, good flow
	06-Aug-96	June Dry	700	N/A	19		N/A	Little flow
	07-Oct-96	August Dry	N/A	N/A	N/A	N/A	N/A	Little flow, clear
	06-Dec-96	Fall Rain	692	7.70	1.7	4.8	N/A	Some ice on creek, cold water
	07-Aug-97	Summer Dry	708	8.20	13.3	1.7	N/A	No flow; algae plentiful
	26-Nov-97	Fall Rain	603	7.60	4.1	4.2	N/A	Clear and running; looks like a trap is at fence
	17-Jun-98	Spring Rain						No flow
	07-Dec-98	Fall Rain	1118	7.00	8.9	3.3	N/A	Good flow, lots of vegetation in water

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 15								
	23-Apr-99	Spring Freshet						Not sampled
	30-Jun-99	Summer Rain	N/A	N/A	N/A	N/A	N/A	
	06-Dec-99	Fall Rain	175	6.50	7.5	4.1	N/A	Flowing well
	15-Mar-00	Spring Freshet	151	6.90	2.3	5.2		Good flow; visible flow from ditch into creek
	20-Sep-00	Fall Dry	241	8.00	16.1	2.3		Very little flow; film observed on water on downstream side; called B.Taylor @ Waste to look at water
	27-Nov-00	Fall Rain	569	7.60	4.7	4.1		Good flow; ice in creek
	20-Mar-01	Spring Freshet	90	7.10	2.2	2.8		Good flow, visible run-off from ditch (west)
	10-Oct-01	Fall Dry	644	7.80	7.9	2.1		Very little flow, clear
	03-Dec-01	Fall rain	607	7.50	6	3.5		Good Flow, clear
	18-Feb-02	Spring Freshet						Not enough water to grab samples.
	15-May-02	Spring Rain						No flow observed
	06-Jun-02	Summer Rain	636	7.80	14.2			Good flow, some visible TSS
	17-Jun-02	June Dry						No dry conditions due to heavy rains, Dry event could not be completed
	12-Aug-02	August Dry						No rain for 10 days, no surface water to sample
	25-Oct-02	October Dry						No more than 2 dry days in a row, no samples taken
	23-Dec-02	Fall Rain						Rains for 2 days, still not enough water to sample
	18-Mar-03	Spring Freshet	319	7.60	3.6	5.95		Good flow, clear, snow and ice in culvert
	26-May-03	Spring Rain						No sample taken - Although there was rain, no water to sample
	18-Jun-03	June Dry						No sample taken - Could not get 5 days of no rain
	06-Aug-03	Summer Rain	463	7.70	18.7	1.31		Some flow, clear, orange tinge to creek bottom and sides.
	26-Aug-03	August Dry						No sample taken - Could not get 5 days of no rain
	24-Oct-03	October Dry						No sample taken - Could not get 5 days of no rain
	19-Nov-03	Fall Rain	348	7.60	15.4	4.74		Good flow, clear
	10-Mar-04	Spring Freshet	368	7.30	12	5.27		Clear, good flow
	22-Apr-04	Spring Rain						No sample taken - Although there was rain, no water to sample
	27-May-04	April Dry	523	7.71	15.6	3.11		Clear, flowing well. Duck with duckling observed in creek.
	28-Jun-04	June Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	17-Aug-04	August Dry	540	7.38	14.7	1.59		Very little flow, reddish tinge on creek bed, some TSS.
	19-Oct-04	Summer Rain	756	7.40	7.2	4.52		Some flow, clear.
	28-Oct-04	October Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	08-Dec-04	Fall Rain	533	7.66	13			Good flow, clear. Some patchy ice.
	04-Apr-05	Spring Freshet	413	7.65	7.7	6.97		Fast flow
	30-Apr-05	April Dry						No sample taken due to rain
	16-May-05	Spring Rain						No sample taken, not enough run-off after rain event on May 16. Very little rain during rest of month.
	30-Jun-05	June Dry						No samples taken, dry
	25-Aug-05	August Dry						No sample taken, not enough run-off even after rain event earlier in the week of Aug 25.
	28-Sep-05	Summer Rain						No sample taken, not enough run-off
	14-Oct-05	October Dry						No sample taken, Dry
	30-Nov-05	Fall Rain						No sample taken, not enough run-off
	24-Apr-06	Spring Freshet	514	7.60	11.4	5.37		Good flow, clear.
	30-Apr-06	April Dry						No Dry Period During Month
	31-May-06	Spring Rain						Rain event early in month, no run-off occuring later in month.
	09-Jun-06	June Dry						Low Water
	09-Aug-06	August Dry						Low Water
	14-Sep-06	Summer Rain	568	7.30	17.4	2.1		Very little flow. Dead shunk observed. Sample upstream of this point.
	12-Oct-06	October Dry	580	7.70	10	3.66		Good flow, clear.
	13-Dec-06	Fall Rain	364	7.30	8.6	7.56		Good flow, clear.
	23-Mar-07	Spring Freshet	432	7.00	5.7	6.99		Fast Turbulent Flow, Clear

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	**Comments**
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 15								
	26-Apr-07	April Dry						Dry
	17-May-07	Spring Rain	510	7.60	13.7	4.55		Good Flow, Clear
	19-Jun-07	June Dry						Dry, No water next day after June 9 (9.8mm) and June 19 (22.4mm).
	10-Aug-07	August Dry						Dry, No water next day after largest rain event on August 7 (18mm).
	26-Sep-07	Summer Rain						Dry. No water next day after last rain event on Sept 26 (7.8mm).
	10-Oct-07	Fall Rain	1105	7.10	14.9	2.45		Very Low Flow, clear.
	31-Oct-07	October Dry						Dry
	29-Nov-07	Additional Fall	1124	6.90	7.4	5.35		Slow Flow, Ice covered.
SW 16								
	02-Sep-93		500	7.40	23	5.14	0.08	Fairly clear, numerous bugs
	05-Nov-93		1200	8.00	8	10.61	0.06	Fairly clear
	30-Nov-93		1000	8.10	2	10.72	0.13	Yellow colour
	13-Apr-94	Spring Freshet	700	7.20	5.5	5.51	0.28	Reddish yellow colour, fairly clear
	26-Apr-94	Spring Rain	750	8.00	11	10.54	0.31	Yellowish colour, very clear, reddish colouring on mud and colvert
	04-May-94	Spring Dry	800	8.30	10	7.58	0.11	Brown colour, very silty, good flow
	17-Jun-94	June Dry	800	7.20	16	9.75	0.07	Clear, red colouring on bottom, very slow flow
	04-Aug-94	Summer Rain	1000	8.10	16	10.7	0.07	Note minnow creek at culvert, lots of traffic apparent
	17-Aug-94	August Dry	1000	7.70	14	9.75	>0.01	Culvert red stained, muddy bottom/ weeds, insect/frogs/minnows
	14-Oct-94	Fall Dry	900	8.10	9	10.52	0.06	Yellowish colours, slightly silty due to activity in storm culvert(Oct 13)
	21-Nov-94	Fall Rain	700	8.10	8	10.72	0.25	Very cloudy brown silty, good volume
	13-Apr-95	Spring Freshet	900	8.00	4	10.95	0.07	New gate, some rust in water from gate, mud bottom, yellow sample
	28-Apr-95	Spring Dry	700	8.10	10	10.13	0.16	Clear sample, muddy bottom, algea around gate, lots of bugs/shells
	17-May-95	Spring Rain	1600	7.60	12	9.76	0.13	Very silty, cloudy sample, gravel/mud bottom
	30-Jun-95	June Dry	700	7.80	17	8.1	N/A	Clear, minimal flow
	11-Aug-95	Summer Rain	N/A	N/A	N/A	N/A	N/A	
	23-Aug-95	August Dry	800	7.30	15	8.11	N/A	Fairly clear/yellowish sample, gravel piled from ditching, algea present
	20-Oct-95	Fall Dry	800	7.80	11	9.46	N/A	Clear/pale yellow sample, surface bugs, gravel washed in from west side.
	28-Nov-95	Fall Rain	1177	7.60	5.4	10	N/A	Very little to no flow, water appears to be standing
	16-Apr-96	Spring Freshet	687	8.10	4.8	6.4	N/A	Very little flow
	27-May-96	Spring Dry	800	7.80	9	4.6	N/A	Some debris behide grate
	18-Jun-96	Spring Rain	N/A800	N/A	15	5.5	N/A	Very murky, good flow
	06-Aug-96	June Dry	N/A1100	N/A	17	N/A	N/A	Some sticks behide grate
	07-Oct-96	August Dry	N/A	N/A	N/A	N/A	N/A	Lots of reeds, water level high
	30-Oct-96	Summer Rain	798	8.00	8.9	5	N/A	Sticks behind grate
	06-Dec-96	Fall Rain	1809	7.40	4	5	N/A	Little flow
	16-Apr-97	Spring Freshet	890	7.80	6	7.2	N/A	Straw trapped behind grate should be cleaned
	23-May-97	Spring Dry	803	7.40	7.2	4.4	N/A	
	07-Aug-97	Summer Dry	843	7.20	13.4	4	N/A	Beaver dam downstream
	18-Nov-97	Fall Dry	1089	7.60	6.4	5	N/A	Open water, very deep, clear
	26-Nov-97	Fall Rain	1037	7.40	7.6	5.5	N/A	Water churned up, flow
	17-Jun-98	Spring Rain	699	7.90	16.3	3.2		Some flow, lots of suspended particles, invertebrates present
	07-Dec-98	Fall Rain	639	7.60	10.6	5.2		Murky, very little flow, can hear water trickling through beaver dam
	23-Apr-99	Spring Freshet	555	7.90	8.9	6.1		Debris behind grate, some flow, grate cleaned, better flow
	30-Jun-99	Summer Rain	N/A	N/A	N/A	N/A	N/A	
	06-Dec-99	Fall Rain	398	6.90	6.2	6.9		Some flow, sticks behind culvert
	15-Mar-00	Spring Freshet	428	7.20	4.1	5.4		Some flow; removed sticks behind grate
	27-Mar-00	MOEE Samples	168.2	7.00	5.3	5		Cloudy; some TSS
	20-Sep-00	Fall Dry	131	7.60	13.5	5.1		
	27-Nov-00	Fall Rain	553	7.20	8.1	5		Very little flow; bags removed from behind grate
	20-Mar-01	Spring Freshet	120	7.60	4.3	5.2		Some flow, weeds have accumulated behind grate on culvert
	10-Oct-01	Fall Dry	878	7.50	9.9	3.4		Very little flow, trickle
	03-Dec-01	Fall rain	407	7.80	7.8	2.7		

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated Stream Velocity	Comments
			Cond	pH	Temp	DO		
			uS		C	mg/L	(m/s if applicable)	
SW 16								
	18-Feb-02	Spring Freshet						Not enough water to grab samples.
	17-Apr-02	April Dry						Dry Conditions with warm temperatures - no flows observed
	15-May-02	Spring Rain						No flow observed
	06-Jun-02	Summer Rain	879	7.00	11.2			Some flow, tadpoles seen, clear
	17-Jun-02	June Dry						No dry conditions due to heavy rains, Dry event could not be completed
	12-Aug-02	August Dry						No rain for 10 days, no surface water to sample
	25-Oct-02	October Dry						No more than 2 dry days in a row, no samples taken
	23-Dec-02	Fall Rain						Rains for 2 days, still not enough water to sample
	18-Mar-03	Spring Freshet	365	7.40	4.7	9.19		Good flow, visible TSS
	28-Apr-03	April Dry						No sample taken - Could not get 5 days of no rain
	26-May-03	Spring Rain						No sample taken - Although there was rain, no water to sample
	18-Jun-03	June Dry						No sample taken - Could not get 5 days of no rain
	06-Aug-03	Summer Rain	778	8.00	16.3	6.85		Very little flow, cloudy, some debri noted behind grate
	26-Aug-03	August Dry						No sample taken - Could not get 5 days of no rain
	24-Oct-03	October Dry						No sample taken - Could not get 5 days of no rain
	19-Nov-03	Fall Rain	529	7.80	10.6	7.81		Good flow, debri noted behind grate
	10-Mar-04	Spring Freshet	630	7.30	2.5	7.49		Murky/clear water churning, some flow. Grass observed behined grate.
	22-Apr-04	Spring Rain						No sample taken - Although there was rain, no water to sample
	27-May-04	April Dry	826	8.00	13.2	4.87		Lock missing from grate. Debri observed behind grate, which was removed.
	28-Jun-04	June Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	17-Aug-04	August Dry	821	8.27	13.9	8.32		Little flow, numerous water spiders observed.
	19-Oct-04	Summer Rain	1006	8.60	8.9	9.73		Low flow, observe silt build up behide grate (~0.2m)
	28-Oct-04	October Dry						No sample taken - Could not get 5 days of dry conditions due to significant rain all month
	08-Dec-04	Fall Rain	575	7.95	5			Moderate flow, clear. Silt observed at culvert exit (from SW1).
	04-Apr-05	Spring Freshet	624	7.93	4.8	7.45		debri (sticks, weeds) behind grate
	30-Apr-05	April Dry						No sample taken due to rain
	16-May-05	Spring Rain						No sample taken, not enough run-off after rain event on May 16. Very little rain during rest of month.
	30-Jun-05	June Dry						No samples taken, dry
	25-Aug-05	August Dry						No sample taken, not enough run-off even after rain event earlier in the week of Aug 25.
	28-Sep-05	Summer Rain						No sample taken, not enough run-off
	14-Oct-05	October Dry						No sample taken, Dry
	30-Nov-05	Fall Rain						No sample taken, not enough run-off
	24-Apr-06	Spring Freshet	562	7.80	8.4	7.48		Good flow. Weeds behind grate.
	30-Apr-06	April Dry						No Dry Period During Month
	31-May-06	Spring Rain						Rain event early in month, no run-off occuring later in month.
	09-Jun-06	June Dry						Low Water
	09-Aug-06	August Dry						Low Water
	14-Sep-06	Summer Rain	767	8.00	16.6	8.06		No flow, cloudy. Some TSS.
	12-Oct-06	October Dry	624	7.70	8.6	6.86		Slow flow, clear.
	13-Dec-06	Fall Rain	508	7.40	4.9	8.3		Good flow, clear. Some grass behind grate.
	23-Mar-07	Spring Freshet	577	7.40	5.5	6.28		Good Flow, Some weed behind grate.
	26-Apr-07	April Dry						Dry
	17-May-07	Spring Rain	609	7.90	12.1	6.68		Good Flow, Clear
	19-Jun-07	June Dry						Dry, No water next day after June 9 (9.8mm) and June 19 (22.4mm).
	10-Aug-07	August Dry						Dry, No water next day after largest rain event on August 7 (18mm).
	26-Sep-07	Summer Rain						Dry. No water next day after last rain event on Sept 26 (7.8mm).
	10-Oct-07	Fall Rain	1678	7.00	12.8	7.42		No Flow, visible TSS. Slight buildup of mud ~2m downstream.
	31-Oct-07	October Dry						Dry

C4: Surface Water Field Measurements

Station	Date	Sample Event	Field Parameters				Estimated	**Comments**
			Cond	pH	Temp	DO	Stream Velocity	
			uS		C	mg/L	(m/s if applicable)	
SW 16								
	29-Nov-07	Additional Fall	878	7.00	4.5	11.8		Flowing, Clear

Table C5: CofA MISA Priority Pollutants in Eastview Landfill Leachate in 2007

Analytical Test Groups (ATG)	Semi-Annual Samples			
	June 5, 2007		**November 2, 2007**	
	MDL (mg/L)	Result (mg/L)	MDL (mg/L)	Result (mg/L)
Metals				
Ag	0.05	<0.05	0.05	<0.05
Al	0.05	<0.05	0.05	<0.05
As	0.002	<0.002	0.002	<0.002
Au	0.05	<0.05	0.05	<0.05
B	0.05	0.9	0.05	3.8
Ba	0.05	0.24	0.05	0.38
Be	0.05	<0.05	0.05	<0.05
Bi	0.05	<0.05	0.05	<0.05
Ca	0.05	150	0.05	160
Cd	0.05	<0.05	0.05	<0.05
Ce	0.05	<0.05	0.05	<0.05
Co	0.05	<0.05	0.05	<0.05
Cr	0.05	<0.05	0.05	<0.05
Cs	0.05	<0.05	0.05	<0.05
Cu	0.05	<0.05	0.05	<0.05
Dy	0.05	<0.05	0.05	<0.05
Er	0.05	<0.05	0.05	<0.05
Eu	0.05	<0.05	0.05	<0.05
F	0.1	<0.1	0.1	0.2
Fe	0.05	3.1	0.05	6.3
Ga	0.05	<0.05	0.05	<0.05
Gd	0.05	<0.05	0.05	<0.05
Ge	0.05	<0.05	0.05	<0.05
Hf	0.05	<0.05	0.05	<0.05
Ho	0.05	<0.05	0.05	<0.05
In	0.05	<0.05	0.05	<0.05
K	0.05	17	0.05	56
La	0.05	<0.05	0.05	<0.05
Li	0.05	<0.05	0.05	<0.05
Lu	0.05	<0.05	0.05	<0.05
Mg	0.05	59	0.05	95
Mn	0.05	0.23	0.05	0.16
Mo	0.05	<0.05	0.05	<0.05
Na	0.05	160	0.05	260
Nb	0.05	<0.05	0.05	<0.05
Nd	0.05	<0.05	0.05	<0.05
Ni	0.05	<0.05	0.05	<0.05
Os	0.05	<0.05	0.05	<0.05
P	0.05	0.09	0.05	0.17
Pb	0.05	<0.05	0.05	<0.05
Pd	0.05	<0.05	0.05	<0.05
Pr	0.05	<0.05	0.05	<0.05
Pt	0.05	<0.05	0.05	<0.05
Re	0.05	<0.05	0.05	<0.05
Rh	0.05	<0.05	0.05	<0.05
Ru	0.05	<0.05	0.05	<0.05
Sb	0.002	<0.002	0.002	<0.002
Sc	0.05	<0.05	0.05	<0.05
Se	0.002	<0.002	0.002	<0.002
Si	0.05	9.5	0.05	12
Sm	0.05	<0.05	0.05	<0.05
Sn	0.05	<0.05	0.05	<0.05
Sr	0.05	0.36	0.05	0.54
Ta	0.05	<0.05	0.05	<0.05
Tb	0.05	<0.05	0.05	<0.05
Ti	0.05	<0.05	0.05	<0.05
Tl	0.05	<0.05	0.05	<0.05
Tm	0.05	<0.05	0.05	<0.05
U	0.05	<0.05	0.05	<0.05
V	0.05	<0.05	0.05	<0.05
W	0.05	<0.05	0.05	<0.05
Y	0.05	<0.05	0.05	<0.05
Yb	0.05	<0.05	0.05	<0.05
Zn	0.05	0.12	0.05	0.57
Zr	0.05	<0.05	0.05	<0.05

Table C5: CofA MISA Priority Pollutants in Eastview Landfill Leachate in 2007

Analytical Test Groups (ATG)	Semi-Annual Samples			
	June 5, 2007		**November 2, 2007**	
	MDL (mg/L)	Result (mg/L)	MDL (mg/L)	Result (mg/L)
Conventional				
BOD (C)	2	3	2	4
Cl-	2	250	10	400
COD	4	47	4	120
Sp. Cond. (umhos/cm)	2	1900	2	2900
Cr VI	0.005	<0.005	0.005	<0.005
DOC	0.1	19.9	0.1	39.2
F-	0.1	<0.1	0.1	0.2
Hg	0.0001	<0.0001	0.0001	<0.0001
NH_3-N	0.5	17.3	1	60
NO_2-N	0.01	0.03	0.01	0.02
NO_3-N	0.1	0.4	0.1	0.3
Oil & Grs(A)	0.5	<0.5	0.5	<0.5
Oil & Grs(M)	0.5	<0.5	0.5	<0.5
Oil & Grs.	0.5	<0.5	0.5	<0.5
pH		7.7		7.9
Phenols	0.001	0.003	0.001	0.004
S=	0.02	<0.02	0.02	<0.02
SO4=	1	48	1	35
Total P	0.002	0.052	0.002	0.12
TDS	1	1110	1	932
TOC	0.1	19.6	0.1	39.9
Total CN-	0.005	<0.005	0.005	<0.005
TSS	10	<10	1	15

Samples collected from main pumping station
MDL = method detection limit
ug/L = micrograms per Litre = parts per billion
mg/L = milligrams per Litre = parts per million

Table C5: CofA MISA Priority Pollutants in Eastview Landfill Leachate in 2007

Analytical Test Groups (ATG)	Semi-Annual Samples			
	June 5, 2007		**November 2, 2007**	
	EQL	Result	EQL	Result
ATG 16 Volatiles, Halogenated				
1,1,1-Trichloroethane (ug/L)	0.2	<0.2	0.1	<0.1
1,1,1,2-Tetrachloroethane	0.2	<0.2	0.1	<0.1
1,1,2,2-Tetrachloroethane (ug/L)	0.4	<0.4	0.2	<0.2
1,1,2-Trichlorethane (ug/L)	0.4	<0.4	0.2	<0.2
1,1-Dichloroethane (ug/L)	0.2	<0.2	0.1	0.1
1,1-Dichloroethylene (ug/L)	0.2	<0.2	0.1	<0.1
1,2-Dichlorobenzene (ug/L)	0.4	<0.4	0.2	<0.2
1,2-Dichloroethane (ug/L)	0.2	<0.2	0.1	<0.1
1,2,-Dichloropropane (ug/L)	0.2	<0.2	0.1	<0.1
1,3-Dichlorobenzene (ug/L)	0.4	<0.4	0.2	<0.2
1,4-Dichlorobenzene (ug/L)	0.4	<0.4	0.2	0.2
Acetone (ug/L)	20	<20	10	<10
Bromodichloromethane	0.2	<0.2	0.1	<0.1
Bromoform (ug/L)	0.4	<0.4	0.2	<0.2
Bromomethane (ug/L)	1	<1	0.5	<0.5
Carbon tetrachloride (ug/L)	0.2	<0.2	0.1	<0.1
Chlorobenzene (ug/L)	0.2	0.3	0.1	3.6
Chloroethane (ug/L)				
Chloroform (ug/L)	0.2	<0.2	0.1	<0.1
Chloromethane (ug/L)				
Cis-1,2-Dichloroethane (ug/L)	0.2	<0.2	0.1	<0.1
Cis-1,3-Dichloropropylene (ug/L)	0.4	<0.4	0.2	<0.2
Dibromochloromethane (ug/L)	0.4	<0.4	0.2	<0.2
Ethylene dibromide (ug/L)	0.4	<0.4	0.2	<0.2
Methyl-t-Butyl Ether (ug/L)	0.4	<0.4	0.2	0.2
Methyl Ethyl Ketone (MEK) (ug/L)	10	<10	5	<5
Methyl Isobutyl Ketone (MIBK) (ug/L)	10	<10	5	<5
Methylene chloride (ug/L)	1	<1	0.5	<0.5
Tetrachloroethylene (ug/L)	0.2	<0.2	0.1	<0.1
Trans-1,2-Dichloroethylene (ug/L)	0.2	<0.2	0.1	<0.1
Trans-1,3-Dichloropropylene (ug/L)	0.4	<0.4	0.2	<0.2
Trichloroethylene (ug/L)	0.2	<0.2	0.1	<0.1
Trichlorofluoromethane (ug/L)				
Vinyl chloride (ug/L)	0.4	<0.4	0.2	<0.2
ATG 17 Volatiles, Non-Halogenated				
Benzene (ug/L)	0.2	0.2	0.1	1.6
Ethylbenzene (ug/L)	0.2	0.4	0.1	0.7
Styrene (ug/L)	0.2	<0.2	0.1	<0.1
Toluene (ug/L)	0.4	<0.4	0.2	<0.2
o-Xylene (ug/L)	0.2	0.2	0.1	0.7
m-Xylene and p-Xylene (ug/L)	0.2	0.9	0.1	4.3
ATG 18 Volatiles, Water Soluble				
Acrolein (ug/L)	20	<20	10	<10
Acrylonitrile (ug/L)	10	<10	5	<5

Table C5: CofA MISA Priority Pollutants in Eastview Landfill Leachate in 2007

Analytical Test Groups (ATG)	Semi-Annual Samples			
	June 5, 2007		**November 2, 2007**	
	EQL	Result	EQL	Result
ATG 19 Extractables, Base Neutral				
Acenaphthene (ug/L)	0.2	<0.2	0.2	<0.2
5-nitro Acenaphthene (ug/L)	1	<1	1	<1
Acenaphthylene (ug/L)	0.2	<0.2	0.2	<0.2
Anthracene (ug/L)	0.2	<0.2	0.2	<0.2
Benzo (a) anthracene (ug/L)	0.2	<0.2	0.2	<0.2
Benzo (a) pyrene (ug/L)	0.2	<0.2	0.2	<0.2
Benzo (b) fluroanthene (ug/L)	0.2	<0.2	0.2	<0.2
Benzo (g,h,i) perylene (ug/L)	0.2	<0.2	0.2	<0.2
Benzo (k) fluoranthene (ug/L)	0.2	<0.2	0.2	<0.2
Biphenyl (ug/L)	0.5	<0.5	0.5	<0.5
Camphene (ug/L)	1	<1	1	<1
1-Chloronaphthalene (ug/L)	1	<1	1	<1
2-Chloronaphthalene (ug/L)	0.5	<0.5	0.5	<0.5
Chrysene (ug/L)	0.2	<0.2	0.2	<0.2
Dibenzo (a,h) anthracene (ug/L)	0.2	<0.2	0.2	<0.2
Fluoranthene (ug/L)	0.2	<0.2	0.2	<0.2
Fluorene (ug/L)	0.2	<0.2	0.2	<0.2
Indeno (1,2,3-cd) pyrene (ug/L)	0.2	<0.2	0.2	<0.2
Indole (ug/L)	1	<1	1	<1
1-Methylnaphthalene (ug/L)	0.2	<0.2	0.2	<0.2
2-Methylnaphthalene (ug/L)	0.2	<0.2	0.2	<0.2
Naphthalene (ug/L)	0.2	<0.2	0.2	<0.2
Perylene (ug/L)	0.2	<0.2	0.2	<0.2
Phenanthrene (ug/L)	0.2	<0.2	0.2	<0.2
Pyrene (ug/L)	0.2	<0.2	0.2	<0.2
Benzylbutylphthalate (ug/L)	0.5	<0.5	0.5	<0.5
Bis (2-ethylhexyl) phthalate (ug/L)	2	<2	2	<2
Di-n-Butyl Phthalate (ug/L)	2	<2	2	<2
Di-n-Octyl Phthalate (ug/L)	0.8	<0.8	0.8	<0.8
4-Bromophenyl phenyl ether (ug/L)	0.3	<0.3	0.3	<0.3
4-Chlorophenyl phenyl ether (ug/L)	0.5	<0.5	0.5	<0.5
Bis (2-chloroisopropyl) ether (ug/L)	0.5	<0.5	0.5	<0.5
Bis (2-chloroethyl) ether (ug/L)	0.5	<0.5	0.5	<0.5
Diphenyl ether (ug/L)	0.3	<0.3	0.3	<0.3
2,4-Dinitrotoluene (ug/L)	0.5	<0.5	0.5	<0.5
2,6-Dinitrotoluene (ug/L)	0.5	<0.5	0.5	<0.5
Bis (2-chloroethoxy) methane (ug/L)	0.5	<0.5	0.5	<0.5
N-Nitrosodiphenylamine & DPA (ug/L)	1	<1	1	<1
N-Nitrosodi-n-propylamine (ug/L)	0.5	<0.5	0.5	<0.5
ATG 20 Extractables, Acid (Phenolics)				
2,3,4-Trichlorophenol (ug/L)	0.5	<0.5	0.5	<0.5
2,3,5-Trichlorophenol (ug/L)	0.5	<0.5	0.5	<0.5
2,4,5-Trichlorophenol (ug/L)	0.5	<0.5	0.5	<0.5
2,4,6-Trichlorophenol (ug/L)	0.5	<0.5	0.5	<0.5
2,4-Dimethylphenol (ug/L)	0.5	<0.5	0.5	0.8
2,4-Dinitrophenol (ug/L)	0.3	<0.3	0.3	<0.3
2,4-Dichlorophenol (ug/L)	2	<2	2	<2
2,6-Dichlorophenol (ug/L)	0.5	<0.5	0.5	<0.5
4,6-Dinitro-o-cresol (ug/L)	2	<2	2	<2
2-Chlorophenol (ug/L)	0.3	<0.3	0.3	<0.3
4-Chloro-3-methylphenol (ug/L)	0.5	<0.5	0.5	<0.5
4-Nitrophenol (ug/L)	1	<1	1	<1
m-Cresol & p-Cresol (ug/L)	0.5	<0.5	0.5	<0.5
o-Cresol (ug/L)	0.5	<0.5	0.5	<0.5
Pentachlorophenol (ug/L)	1	<1	1	<1
Phenol (ug/L)	0.5	<0.5	0.5	<0.5

Table C5: CofA MISA Priority Pollutants in Eastview Landfill Leachate in 2007

Analytical Test Groups (ATG)	Semi-Annual Samples			
	June 5, 2007		**November 2, 2007**	
	EQL	Result	EQL	Result
ATG 21 Extractables, Phenoxy Acid Herbicides				
2,4,5-T (ug/L)	1	<1	1	<1
Silvex (ug/L)	1	<1	1	<1
2,4-D (ug/L)	1	<1	1	<1
Dinoseb (ug/L)	2	<2	2	<2
2,4-DB (ug/L)	1	<1	1	<1
Dichlorprop (ug/L)	1	<1	1	<1
Dicamba (ug/L)	1	<1	1	<1
MCPP (ug/L)	2	<2	2	<2
MCPA (ug/L)	2	2	2	4
Picloram (ug/L)	5	<5	5	<5
ATG 22 Extractables, Organochlorine Pesticides				
Aldrin (ug/L)	0.005	<0.005	0.005	<0.005
Alpha-BHC (ug/L)	0.005	<0.005	0.005	<0.005
Beta-BHC (ug/L)	0.005	<0.005	0.02	<0.02
Delta-BHC (ug/L)	0.005	<0.005	0.005	<0.005
Gamma-BHC (ug/L)	0.005	<0.005	0.005	<0.005
Alpha-Chlordane (ug/L)	0.005	<0.005	0.005	<0.005
Gamma-Chlordane (ug/L)	0.005	<0.005	0.005	<0.005
4,4'-DDD (ug/L)	0.005	<0.005	0.005	<0.005
4,4'-DDE (ug/L)	0.005	<0.005	0.005	<0.005
4,4'-DDT (ug/L)	0.005	<0.005	0.005	<0.005
2,4'-DDT (ug/L)	0.005	<0.005	0.005	<0.005
Dieldrin (ug/L)	0.005	<0.005	0.005	<0.005
Endosulfan I (ug/L)	0.005	<0.005	0.005	<0.005
Endosulfan II (ug/L)	0.005	<0.005	0.005	<0.005
Endosulfan Sulphate (ug/L)	0.005	<0.005	0.005	<0.005
Endrin (ug/L)	0.005	<0.005	0.005	<0.005
Endrin Aldehyde (ug/L)	0.005	<0.005	0.005	<0.005
Heptachlor (ug/L)	0.005	<0.005	0.005	<0.005
Heptachlor Epoxide (ug/L)	0.005	<0.005	0.005	<0.005
p,p Methoxychlor (ug/L)	0.01	<0.01	0.01	<0.01
Mirex (ug/L)	0.005	<0.005	0.005	<0.005
Endrin Ketone (ug/L)	0.005	<0.005	0.005	<0.005
Toxaphene (ug/L)	0.2	<0.2	0.2	<0.2
PCB's, Total (ug/L)	0.1	<0.1	0.1	<0.1
ATG 23 Extractables, Neutral - Chlorinated				
Hexachloroethane (ug/L)	0.01	<0.01	0.01	<0.01
1,2,4-Trichlorobenzene (ug/L)	0.01	<0.01	0.01	<0.01
1,2,3-Trichlorobenzene (ug/L)	0.01	<0.01	0.01	<0.01
Hexachlorobutadiene (ug/L)	0.009	<0.009	0.009	<0.009
2,4,5-Trichlorotoluene (ug/L)	0.01	<0.01	0.01	<0.01
1,2,3,5-Tetrachlorobenzene (ug/L)	0.01	<0.01	0.01	<0.01
1,2,4,5-Tetrachlorobenzene (ug/L)	0.01	<0.01	0.01	<0.01
Hexachlorocyclopentadiene (ug/L)	0.025	<0.025	0.025	<0.025
1,2,3,4-Tetrachlorobenzene (ug/L)	0.01	<0.01	0.01	<0.01
Pentachlorobenzene (ug/L)	0.005	<0.005	0.005	<0.005
Hexachlorobenzene (ug/L)	0.005	<0.005	0.005	<0.005
Octachlorostyrene (ug/L)	0.005	<0.005	0.005	<0.005

Table C5: CofA MISA Priority Pollutants in Eastview Landfill Leachate in 2007

Analytical Test Groups (ATG)	Semi-Annual Samples			
	June 5, 2007		**November 2, 2007**	
	EQL	Result	EQL	Result
ATG 24 Chlorinated Dibenzo-p-dioxins and Dibenzofurans				
2,3,7,8-Tetrachlorodibenzo-p-dioxin (pg/L)	0.549	<0.549	0.558	<0.558
Octachlorodibenzo-p-dioxin (pg/L)	1.15	12.8	1.17	21.8
Octachlorodibenzofuran (pg/L)	1.09	4.05	1.18	6.07
Total heptachlorinated dibenzo-p-dioxins (pg/L)	1.5	<1.5	0.573	4.89
Total heptachlorinated dibenzofurans (pg/L)	0.596	3.15	0.575	2.81
Total hexachlorinated dibenzo-p-dioxins (pg/L)	0.544	<0.544	0.675	<0.675
Total hexachlorinated dibenzofurans (pg/L)	0.708	<0.708	0.568	1.36
Total pentachlorinated dibenzo-p-dioxins (pg/L)	0.568	<0.568	0.584	<0.584
Total pentachlorinated dibenzofurans (pg/L)	0.555	<0.555	0.661	<0.661
Total tetrachlorinated dibenzo-p-dioxins (pg/L)	0.549	<0.549	0.558	<0.558
Total tetrachlorinated dibenzofurans (pg/L)	0.558	<0.558	0.59	0.72
ATG 26 Fatty and Resin Acids				
Palmitaleic acid (ug/L)	0.005	<0.005	0.005	0.01
Palmitic acid (ug/L)	0.005	<0.005	0.005	0.005
Linoleic acid (ug/L)	0.005	<0.005	0.005	<0.005
Lenolenic acid (ug/L)	0.005	<0.005	0.005	<0.005
Oleic acid (ug/L)	0.005	<0.005	0.005	<0.005
Pimaric acid (ug/L)	0.005	<0.005	0.005	<0.005
Sandracopimaric acid (ug/L)	0.005	<0.005	0.005	<0.005
Isopimaric acid (ug/L)	0.005	<0.005	0.005	<0.005
Palustric-Levopimaric acids (ug/L)	0.005	<0.005	0.005	<0.005
Dehydroabietic acid (ug/L)	0.005	<0.005	0.005	<0.005
Abietic acid (ug/L)	0.005	<0.005	0.005	<0.005
Neoabietic acid (ug/L)	0.005	<0.005	0.005	<0.005
9,10-Dichlorostearic acid (ug/L)	0.005	<0.005	0.005	<0.005
14-Chlorodehydroabietic acid (ug/L)	0.005	<0.005	0.005	<0.005
12-Chlorodehydroabietic acid (ug/L)	0.005	<0.005	0.005	<0.005
Dichlorodehydroabietic acid (ug/L)	0.005	<0.005	0.005	<0.005

Notes:

Samples collected from main pumping station
EQL = Estimated Quantitation Limit for undiluted sample
MDL = Method Detection Limit
ug/L = micrograms per Litre = parts per billion
mg/L = milligrams per Litre = parts per million
pg/L = picograms per litre = parts per trillion

C6: VOLATILE ORGANIC ANALYSIS - 2007 - EASTVIEW ROAD LANDFILL SITE

MONITOR DATE	51-II 16-Aug-07	51-IR 16-Aug-07	57-I 16-Aug-07	58-I 16-Aug-07	59-I 16-Aug-07	65-I 16-Aug-07	67-I 16-Aug-07
1,1,1-Trichlorethane	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
1,1,2,2-Tetrachloroethylen	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2
1,1,2-Trichloroethane	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2
1,1-Dichloroethane	<0.4	<2	0.3	<0.1	<10	<0.4	0.4
1,1-Dichloroethylene	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
1,2-Dibromoethane	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2
1,2-Dichlorobenzene	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2
1,2-Dichloroethane	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
1,2-Dichloropropane	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
1,3-Dichlorobenzene	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2
1,4-Dichlorobenzene	<0.8	7	<0.2	<0.2	<20	<0.8	<0.2
2-Chloroethylvinyl ether	-	-	-	-	-	-	-
Acrolein	-	-	-	-	-	-	-
Acrylonitrile	-	-	-	-	-	-	-
Benzene	2.1	3	<0.1	<0.1	<10	4.6	1
Bromodichloromethane	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
Bromoform	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2
Bromomethane	<2	<10	<0.5	<0.5	<50	<2	<0.5
Carbon Tetrachloride	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
Chlorobenzene	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
Chloroethane							
Chloroform	<0.4	<2	<0.1	0.4	<10	<0.4	<0.1
Chloromethane							
Cis-1,2-Dichloroethylene	<0.4	<2	<0.1	<0.1	<10	<0.4	0.1
Cis-1,3-Dichloropropylen	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2
Dibromochloromethane	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2
Ethylbenzene	<0.4	39	<0.1	<0.1	430	<0.4	0.3
m-Xylene and p-Xylene	<0.4	160	<0.1	<0.1	700	<0.4	1.1
Mythlene Chloride	<2	<10	<0.5	<0.5	<50	<2	<0.5
o-Xylene	<0.4	59	<0.1	<0.1	330	<0.4	0.3
Styrene	<0.4	<3	<0.1	<0.1	<20	<0.4	<0.1
Tetrachloroethylene	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
Toluene	<0.8	22	<0.2	<0.2	<20	<0.8	<0.2
Trans-1,2-Dichloroethylen	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
Trans-1,3-Dichloropropyl	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2
Trichloroethylene	<0.4	<2	<0.1	<0.1	<10	<0.4	<0.1
Trichlorofluoromethane							
Vinyl Chloride	<0.8	<4	<0.2	<0.2	<20	<0.8	<0.2

Table C7: Comparison of Downgradient Monitors in Buffer Land Boundary to Guideline B7 Criteria for 2007

Parameter		Chloride	Sodium	Sulphate	Copper	Iron	Manganese	Zinc	Boron	Cadmium	Chromium	Lead	Nitrate	Nitrite
ODWS		**250**	**200**	**500**	**1**	**0.30**	**0.05**	**5**	**5**	**0.005**	**0.05**	**0.01**	**10**	**1**
Background		36.6	19.4	45.00		0.50	0.01	0.01	0.030		0.01		0.10	0.01
Guideline B7 Criteria		143	110	273		0.50	0.03	2.50	1.27		0.13		2.58	0.26
2-I	10-Apr-07	14.0	10.0	92.0		**4.3**	**0.088**	0.01	0.210		< 0.01		< 0.10	< 0.01
	18-Jun-07	14.0	10.0	91.0		**5.3**	**0.069**	0.01	0.190		< 0.01		< 0.10	< 0.01
	13-Aug-07	19.0	11.0	96.0		**4.7**	**0.067**	0.01	0.190		< 0.01		< 0.10	< 0.01
	13-Nov-07	94.0	32.0	84.0		**5.4**	**0.076**	0.01	0.190		< 0.01		< 0.10	< 0.01
2-II	10-Apr-07	7.0	7.6	32.0		**0.67**	0.03	0.09	0.068		< 0.01		2.30	< 0.01
	13-Aug-07	9.0	7.8	42.0		0.37	**0.049**	0.12	0.084		< 0.01		0.40	< 0.01
9-I	11-Apr-07	16.0	14.0	76.0	<	0.05	**0.078**	0.38	0.120		< 0.01		< 0.10	< 0.01
	15-Aug-07	25.0	19.0	99.0	<	0.05	**0.11**	0.38	0.150		< 0.01		< 0.10	< 0.01
10-II	11-Apr-07	**891**	**340**	27.0		**0.58**	**0.36**	0.02	0.030		< 0.01		0.40	< 0.01
	19-Jun-07	**819**	**280**	24.0		**5.9**	**0.26**	0.01	0.027		< 0.01		< 0.10	0.01
	13-Aug-07	**856**	**300**	26.0		**1.5**	**0.24**	0.01	0.034		< 0.01		< 0.10	0.02
	14-Nov-07	**841**	**250**	21.0		**6**	**0.24**	< 0.01	0.034		< 0.01		< 0.10	< 0.01
13-III	11-Apr-07	3.0	26.0	6.0	<	0.05	< 0.00	< 0.01	0.090		< 0.01		0.20	< 0.01
	18-Jun-07	3.0	26.0	6.0	<	0.05	0.00	< 0.01	0.083		< 0.01		0.10	< 0.01
	14-Aug-07	3.0	27.0	4.0	<	0.05	0.00	< 0.01	0.091		< 0.01		0.20	< 0.01
	14-Nov-07	2.0	21.0	4.0	<	0.10	< 0.00	< 0.01	0.082		< 0.01		0.20	< 0.01
13-IV	11-Apr-07	**2700**	**1600**	10.0		0.30	**0.31**	< 0.03	< 0.050		< **0.03**		< 0.10	< 0.01
	18-Jun-07	**2140**	**1400**	14.0		**14**	**0.27**	< 0.03	< 0.050		< **0.03**		< 0.10	< 0.01
	14-Aug-07	**2260**	**1400**	11.0		**13**	**0.29**	< 0.03	< 0.050		< **0.03**		< 0.10	< 0.01
	14-Nov-07	**1990**	**1100**	15.0		**12**	**0.26**	< 0.03	< 0.050		< **0.03**		< 0.10	< 0.01
13-V	11-Apr-07	11.0	7.3	12.0	<	0.05	< 0.00	0.02	0.016		< 0.01		< 0.10	< 0.01
	18-Jun-07	2.0	9.4	< 1.0		0.19	0.03	0.04	0.045		< 0.01		< 0.10	< 0.01
	14-Aug-07													
	14-Nov-07													
14-II	12-Apr-07	**337**	100.0	102.0		0.09	**0.27**	0.03	0.220		< 0.01		0.20	< 0.01
	18-Jun-07	**370**	100.0	93.0	<	0.05	**0.21**	0.03	0.220		< 0.01		< 0.10	0.06
	13-Aug-07	**281**	98.0	98.0		**1.5**	**0.24**	0.02	0.240		< 0.01		< 0.10	< 0.01
	14-Nov-07	**302**	88.0	91.0		0.36	**0.19**	0.02	0.270		< 0.01		< 0.10	< 0.01
14-III	12-Apr-07	20.0	25.0	7.0		**14**	**0.94**	0.01	0.099		< 0.01		< 0.10	< 0.01
	18-Jun-07	43.0	46.0	< 1.0		**36**	**1.3**	0.01	0.110		< 0.01		< 0.10	< 0.01
	13-Aug-07													
	14-Nov-07													
15-III	12-Apr-07	14.0	51.0	11.0	<	0.05	0.01	< 0.01	0.110		< 0.01		< 0.10	< 0.01
	20-Jun-07	11.0	51.0	11.0	<	0.05	0.01	< 0.01	0.100		< 0.01		0.10	< 0.01

Average concentration in 2007 from monitors 4-II,19-II and 19-IV used in comparison to Guideline B7 values
Concentrations that exceed the RUG are denoted Bolding and Underlined
All concentrations are in mg/L

Table C7: Comparison of Downgradient Monitors in Buffer Land Boundary to Guideline B7 Criteria for 2007

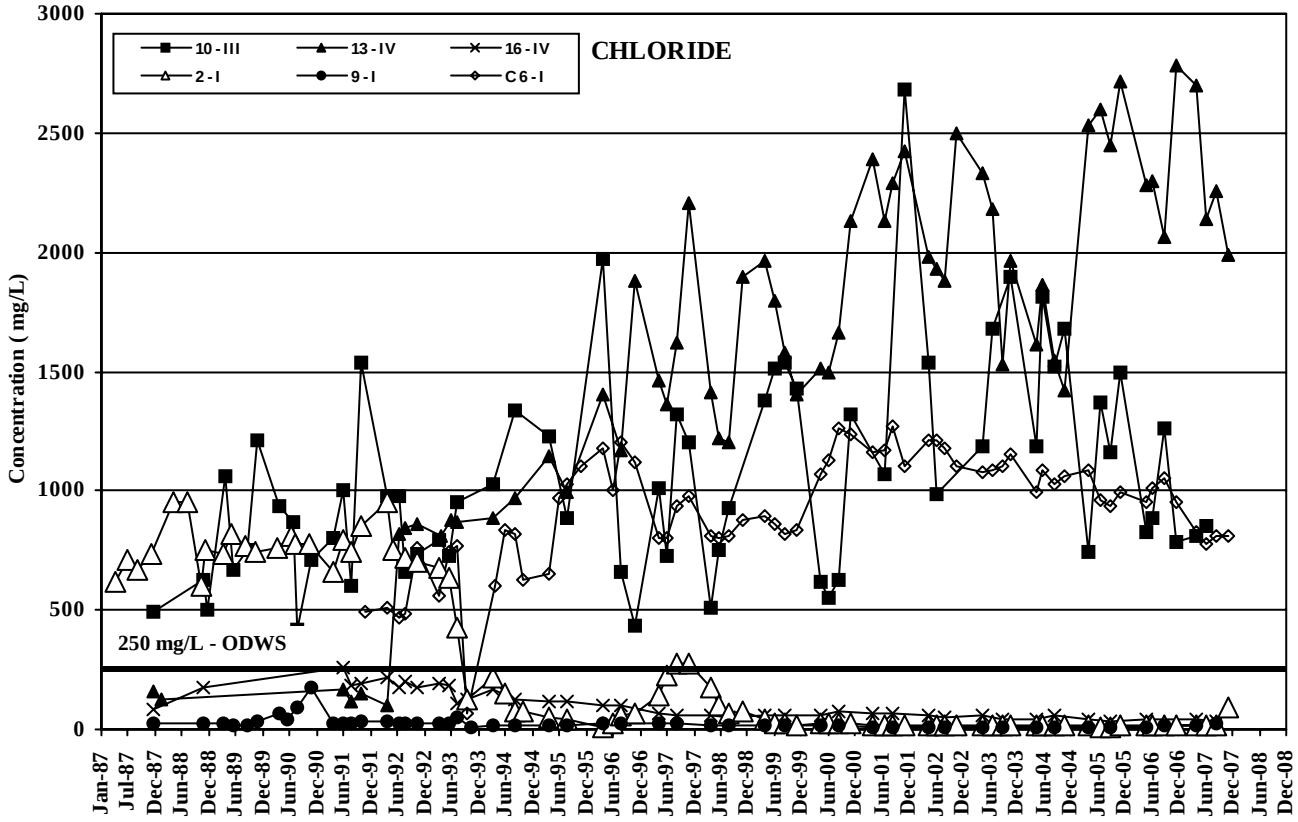
Parameter		Chloride	Sodium	Sulphate	Copper	Iron	Manganese	Zinc	Boron	Cadmium	Chromium	Lead	Nitrate	Nitrite
ODWS		**250**	**200**	**500**	**1**	**0.30**	**0.05**	**5**	**5**	**0.005**	**0.05**	**0.01**	**10**	**1**
Background		36.6	19.4	45.00		0.50	0.01	0.01	0.030		0.01		0.10	0.01
Guideline B7 Criteria		143	110	273		0.50	0.03	2.50	1.27		0.13		2.58	0.26
	14-Aug-07	13.0	48.0	10.0		< 0.05	0.01	< 0.01	0.110		< 0.01		0.20	< 0.01
	15-Nov-07	13.0	45.0	11.0		< 0.10	0.01	< 0.01	0.110		< 0.01		< 0.10	< 0.01
15-IV	12-Apr-07	35.0	29.0	95.0		**1.9**	**0.17**	< 0.01	0.910		< 0.01		< 0.10	< 0.01
	20-Jun-07	33.0	28.0	93.0		**0.63**	**0.18**	0.01	0.870		< 0.01		< 0.10	< 0.01
	14-Aug-07	33.0	30.0	94.0		**0.95**	**0.17**	0.01	0.930		< 0.01		< 0.10	< 0.01
	15-Nov-07	26.0	25.0	64.0		**1.8**	**0.15**	0.01	0.720		< 0.01		< 0.10	< 0.01
15-V	12-Apr-07	6.0	7.3	17.0		< 0.05	0.01	0.01	0.089		< 0.01		**4**	< 0.01
	20-Jun-07	12.0	14.0	4.0		**1.4**	**0.83**	0.03	0.160		< 0.01		< 0.10	< 0.01
	14-Aug-07													
	15-Nov-07													
16-IV	12-Apr-07	38.0	48.0	244.0		0.47	**0.17**	0.02	**1.8**		< 0.01		0.60	< 0.01
	14-Aug-07	36.0	45.0	250.0		0.30	**0.15**	0.02	**1.7**		< 0.01		0.40	0.05
16-V	12-Apr-07	7.0	6.5	30.0		< 0.05	0.00	0.02	0.390		< 0.01		0.80	< 0.01
	14-Aug-07													
17-III	11-Apr-07	5.0	5.3	43.0		< 0.05	< 0.00	< 0.01	0.015		< 0.01		< 0.10	< 0.01
	14-Aug-07	4.0	6.1	37.0		< 0.05	< 0.00	0.01	0.012		< 0.01		< 0.10	< 0.01
17-IV	11-Apr-07	2.0	2.4	7.0		< 0.05	< 0.00	0.02	< 0.010		< 0.01		0.20	< 0.01
	18-Jun-07													
	14-Aug-07													
	15-Nov-07													
18-III	11-Apr-07	7.0	5.8	**496**		0.07	0.00	0.11	0.110		< 0.01		**8.6**	0.01
	18-Jun-07	7.0	5.6	**802**		< 0.05	0.01	0.14	0.120		< 0.01		**3.2**	0.02
	14-Aug-07													
	15-Nov-07													
35-I	11-Apr-07													
	18-Jun-07	5.0	3.0	8.0		< 0.05	0.00	0.07	0.018		< 0.01		< 0.10	< 0.01
	14-Aug-07													
	13-Nov-07													

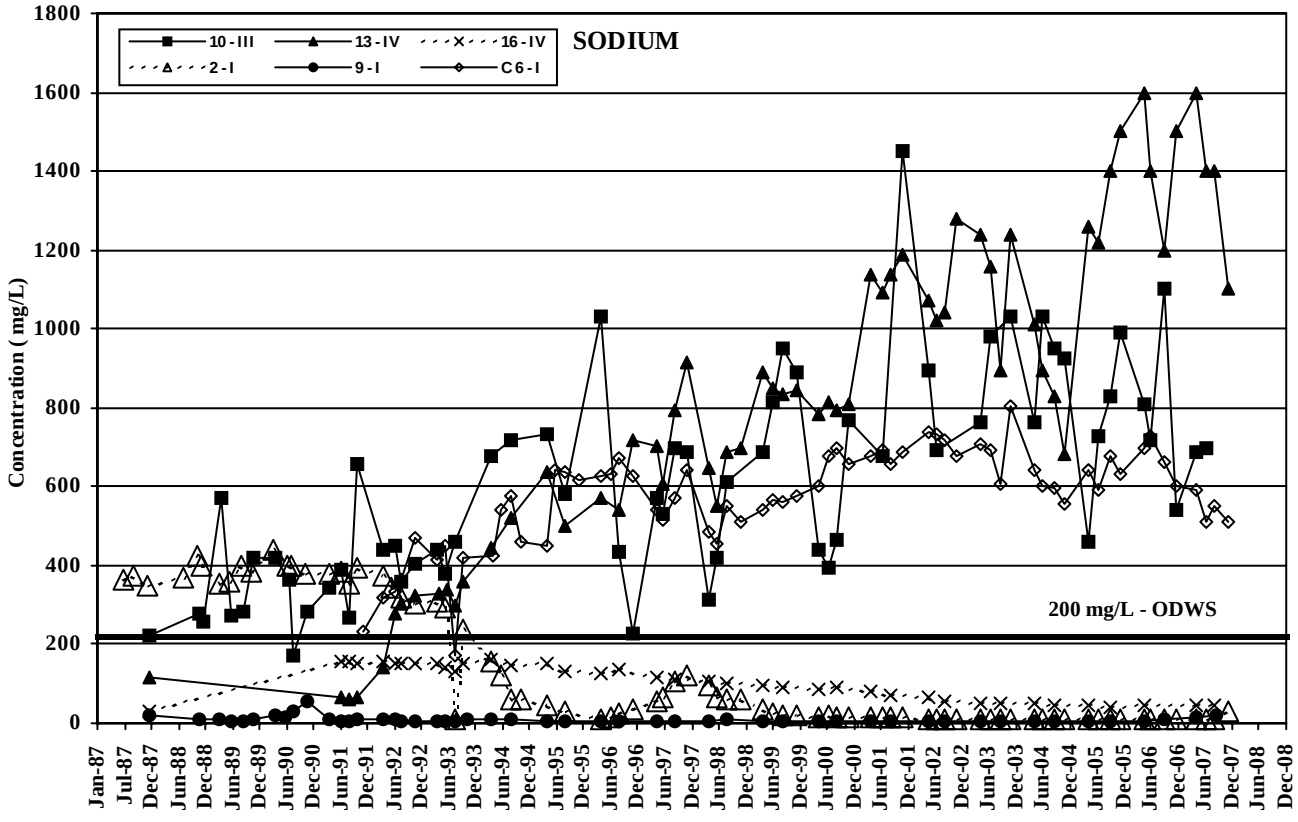
Average concentration in 2007 from monitors 4-II,19-II and 19-IV used in comparison to Guideline B7 values
Concentrations that exceed the RUG are denoted Bolding and Underlined
All concentrations are in mg/L

Table C8: Comparison of Downgradient Bedrock Boundary Monitors to Guideline B7 Criteria for 2007

Parameter		Chloride	Sodium	Sulphate	Copper	Iron	Manganese	Zinc	Boron	Cadmium	Chromium	Lead	Nitrate	Nitrite
ODWS		250	200	500	1	0.30	0.05	5	5	0.005	0.05	0.01	10	1
Background		12.9	11.5	25.43		0.37	0.01	0.02	0.043		0.005		0.11	0.01
Guideline B7 Criteria		131	106	263		0.37	0.03	2.51	1.28		0.016		2.58	0.26
13-I	11-Apr-07	2.0	38.0	1.0		0.16	0.01	< 0.01	0.110		< 0.01		< 0.10	< 0.01
	14-Aug-07	2.0	36.0	< 1.0		0.13	0.01	< 0.01	0.100		< 0.01		< 0.10	< 0.01
14-IV	13-Apr-07	2.0	43.0	< 1.0		< 0.05	< 0.00	< 0.01	0.100		< 0.01		< 0.10	< 0.01
	20-Jun-07	3.0	41.0	3.0		< 0.05	< 0.00	< 0.01	0.100		< 0.01		< 0.10	< 0.01
	14-Aug-07	2.0	40.0	< 1.0		< 0.05	< 0.00	< 0.01	0.095		< 0.01		< 0.10	< 0.01
	15-Nov-07	1.0	43.0	< 1.0		< 0.10	0.01	< 0.01	0.091		< 0.01		< 0.10	< 0.01
15-I	12-Apr-07	2.0	38.0	1.0		< 0.05	< 0.00	< 0.01	0.087		< 0.01		< 0.10	< 0.01
	14-Aug-07	2.0	41.0	1.0		< 0.05	< 0.00	< 0.01	0.093		< 0.01		< 0.10	< 0.01
16-VII	13-Apr-07	2.0	39.0	< 1.0		< 0.05	0.00	< 0.01	0.097		< 0.01		< 0.10	< 0.01
	20-Jun-07	2.0	43.0	< 1.0		< 0.05	< 0.00	< 0.01	0.100		< 0.01		< 0.10	< 0.01
	14-Aug-07	< 1.0	40.0	< 1.0		< 0.05	0.00	< 0.01	0.098		< 0.01		< 0.10	< 0.01
	15-Nov-07	2.0	42.0	< 1.0		< 0.10	0.01	< 0.01	0.098		< 0.01		< 0.10	< 0.01
17-I	11-Apr-07	2.0	39.0	< 1.0		**0.51**	0.01	0.01	0.087		< 0.01		< 0.10	< 0.01
	14-Aug-07	2.0	39.0	< 1.0		**0.56**	0.01	0.01	0.088		< 0.01		< 0.10	< 0.01
9A-I	11-Apr-07	13.0	46.0	4.0		0.29	0.01	< 0.01	0.130		< 0.01		< 0.10	< 0.01
	15-Aug-07	12.0	36.0	5.0		0.22	0.01	< 0.01	0.081		< 0.01		< 0.10	< 0.01

Average concentration in 2007 from monitors 4-IR, 19-I, 53-I, 54-I used in comparison to Guideline B7 values
Concentrations that exceed the Guideline B7 criteria are marked are bolded and underlined
Exceedances observed for lead are due to the Laboratory Method Detection Limit
All concentrations are in mg/L





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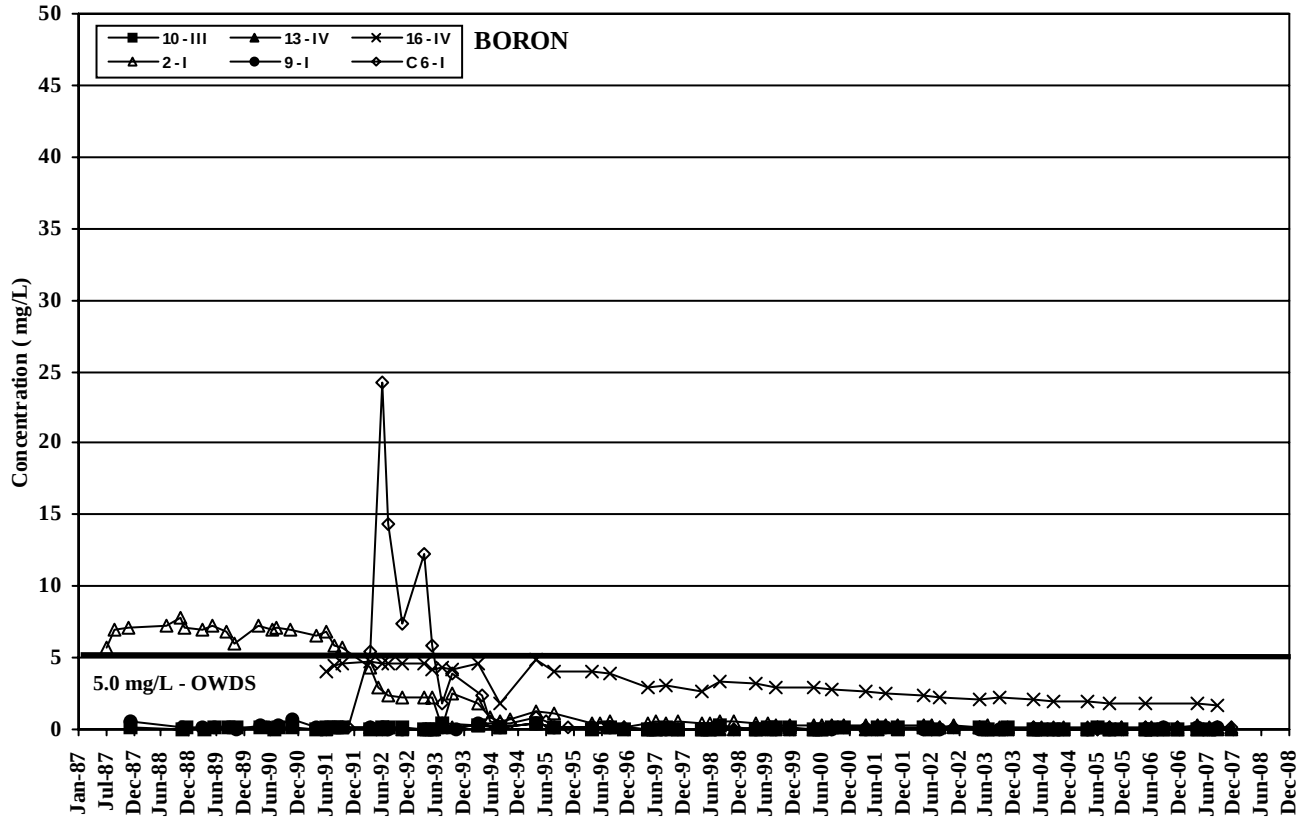
Eastview Road Landfill Site

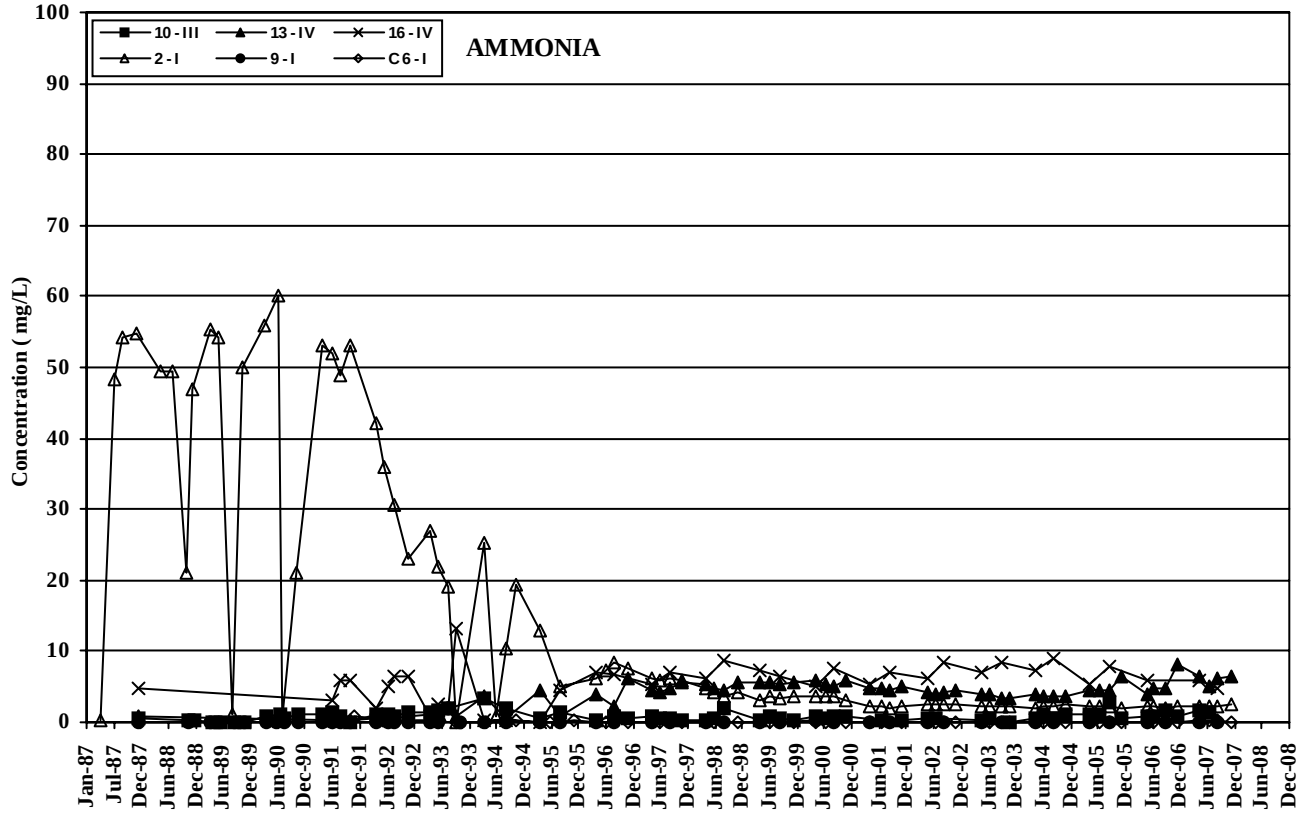
Ground Water Chemistry Trends

Shallow Overburden South of Landfill

FIGURE
C1

80-131
12b C1 GW Chem Cl and Na - South of Land





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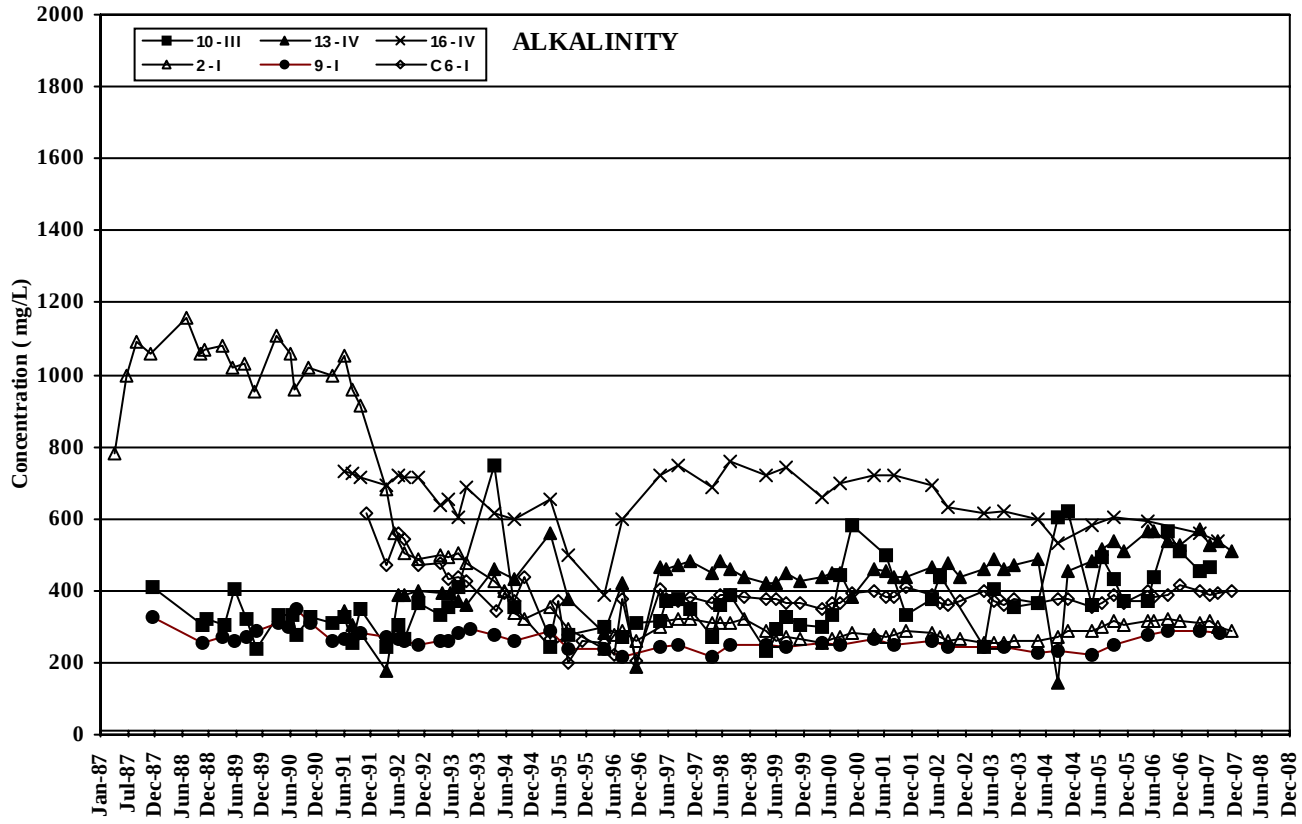
Ground Water Chemistry Trends

Shallow Overburden South of Landfill

FIGURE
C2

80-131
12b C2 GW Chem B and NH3 - South of Land



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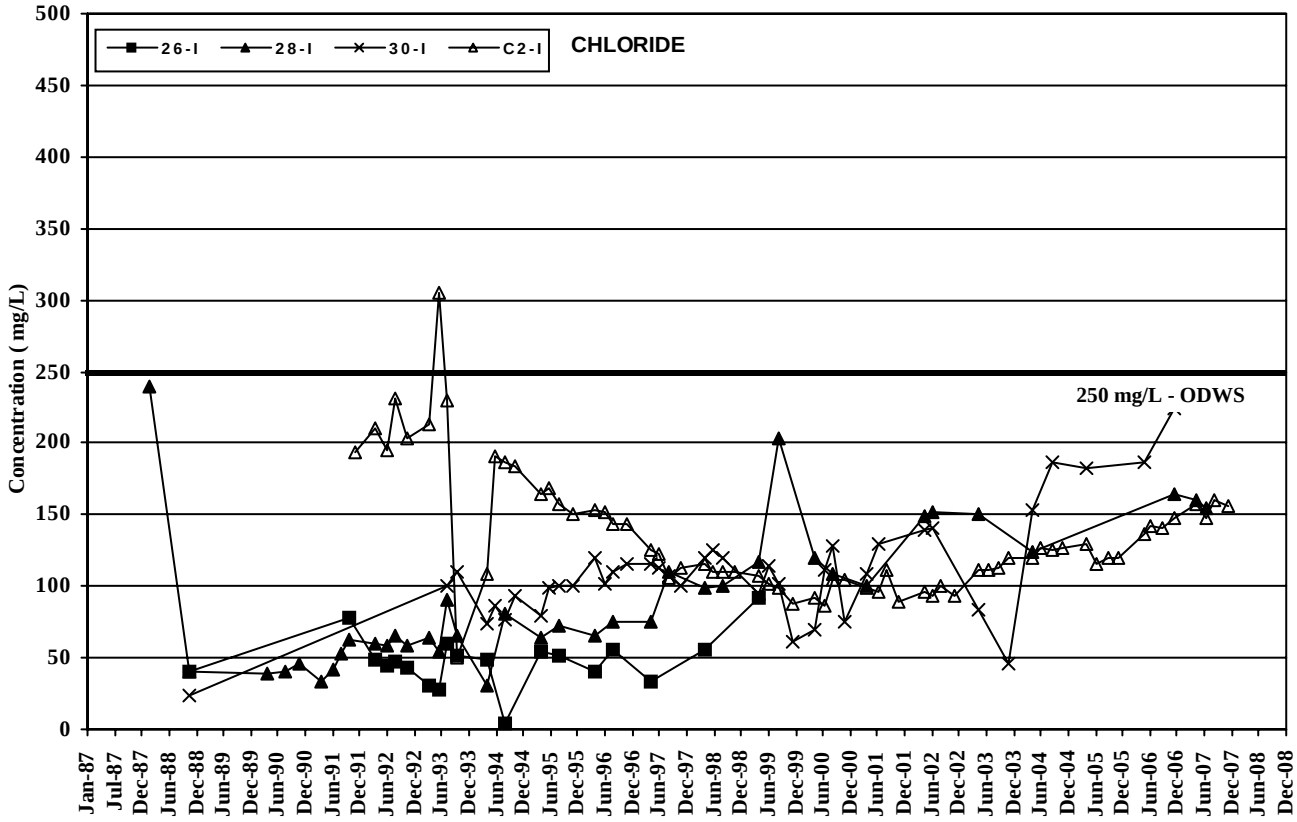
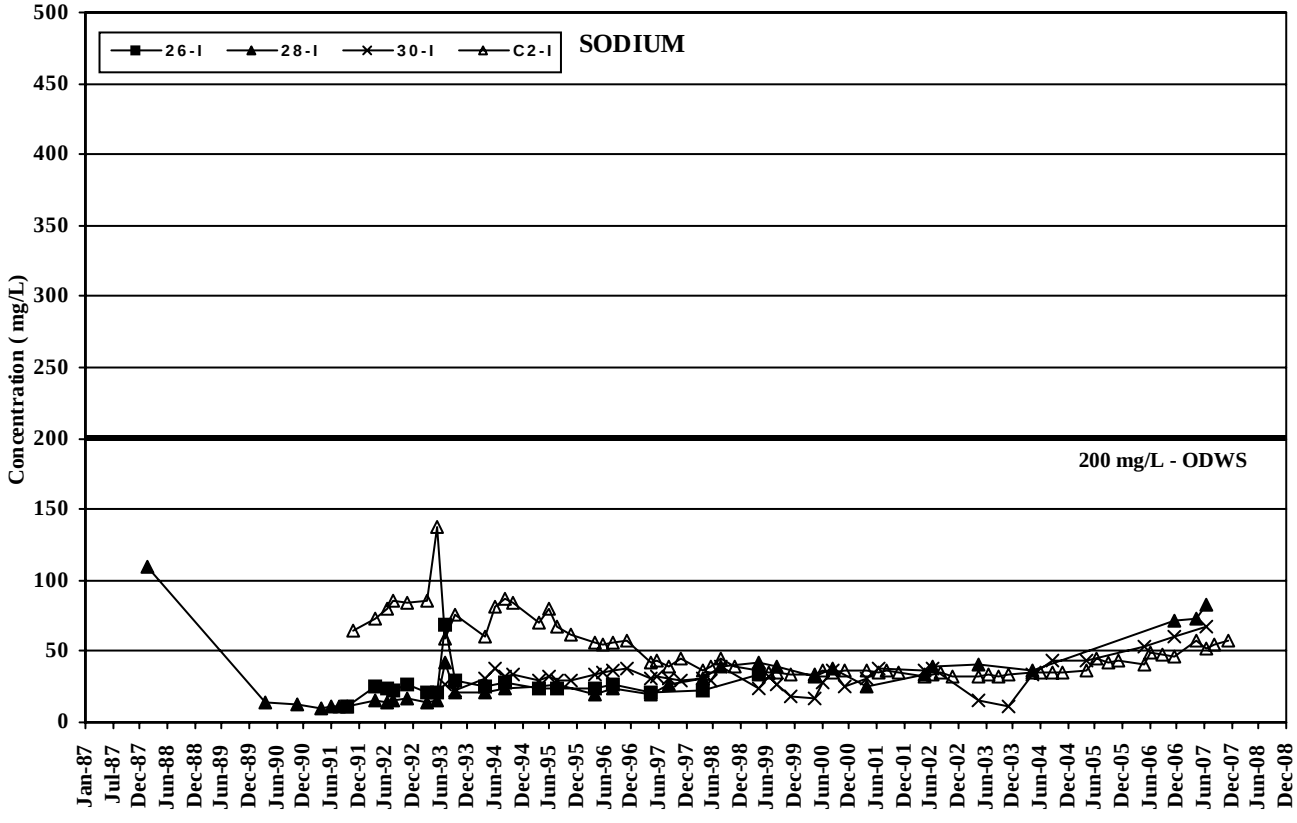
Shallow Overburden South of Landfill

FIGURE
C3

80-131
12b C3 GW Chem Alk - South of Landfill





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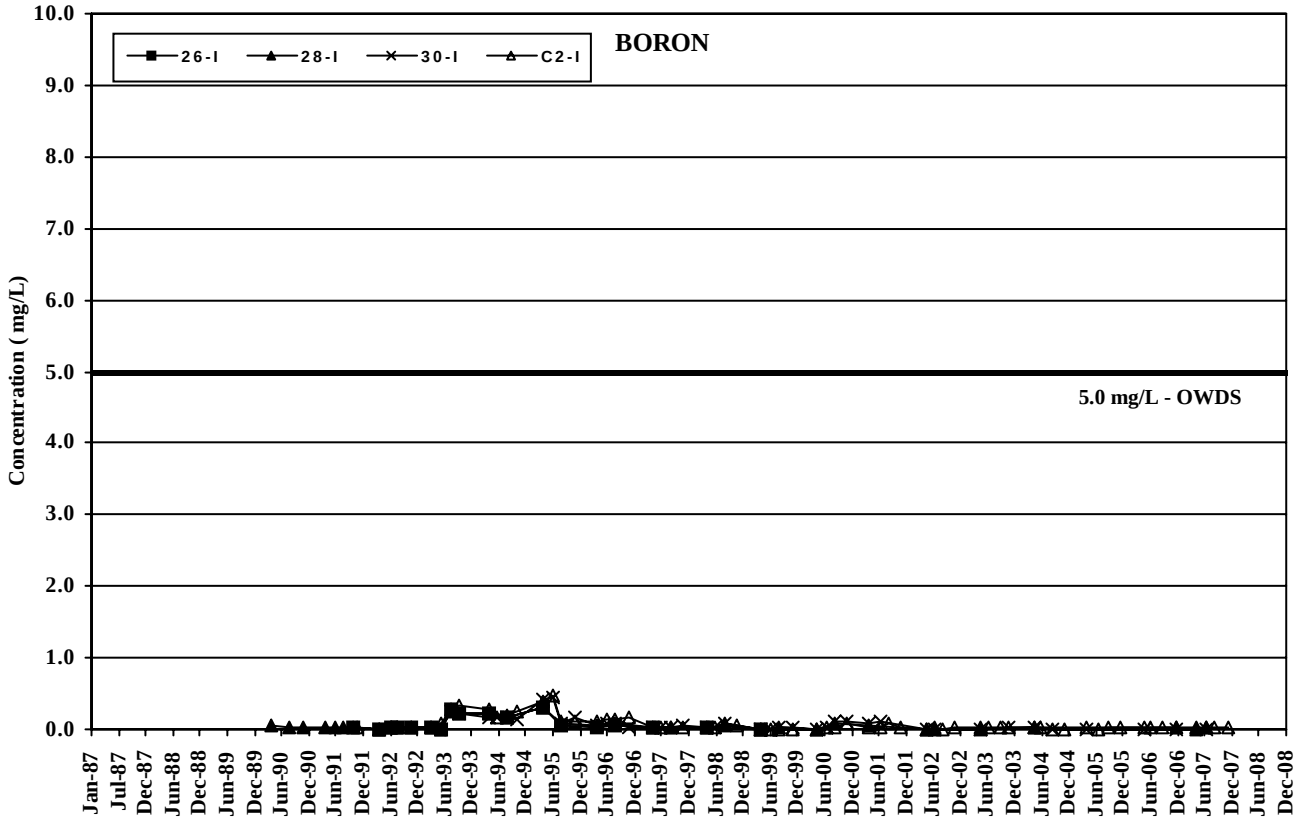
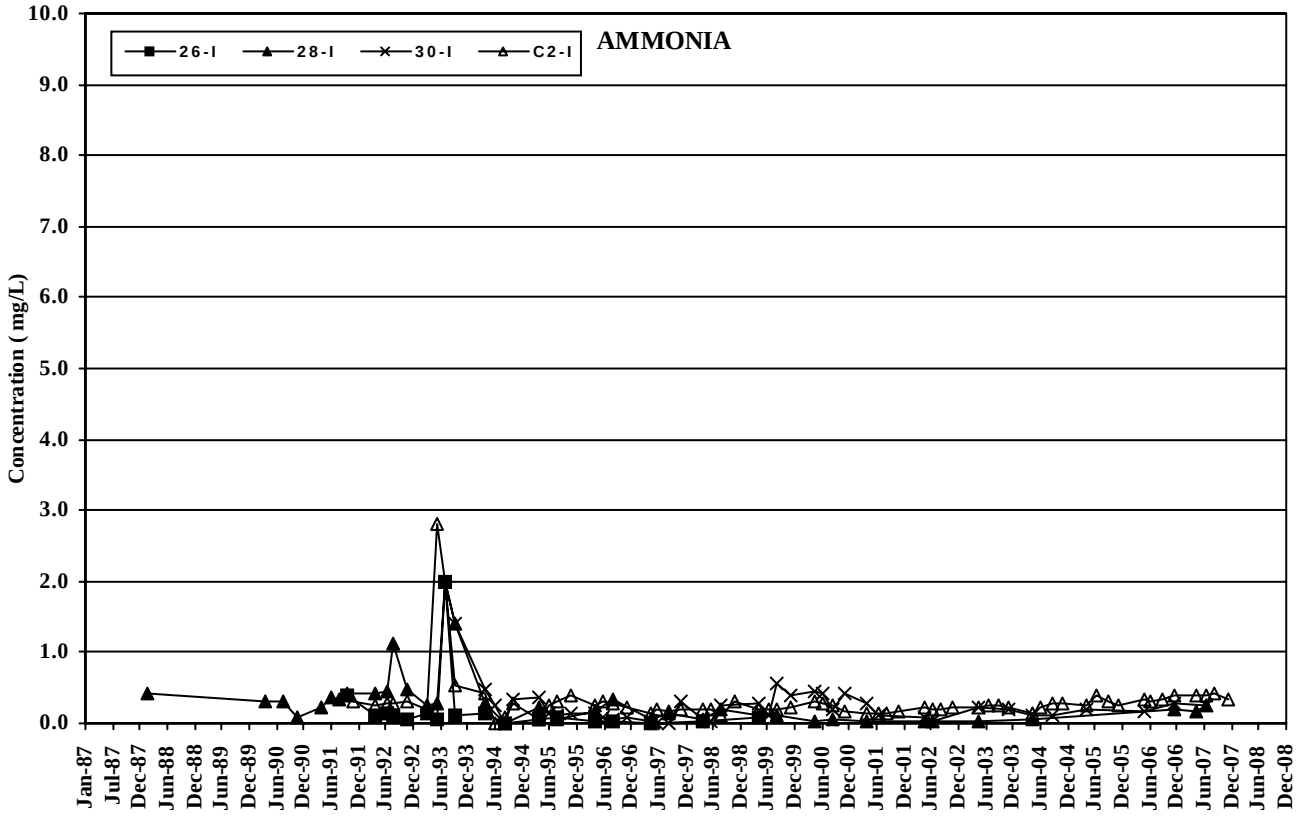
Ground Water Chemistry Trends

Shallow Overburden South of Landfill

FIGURE
C4

80-131
12b C4 GW Chem Cl and Na - West of Landf





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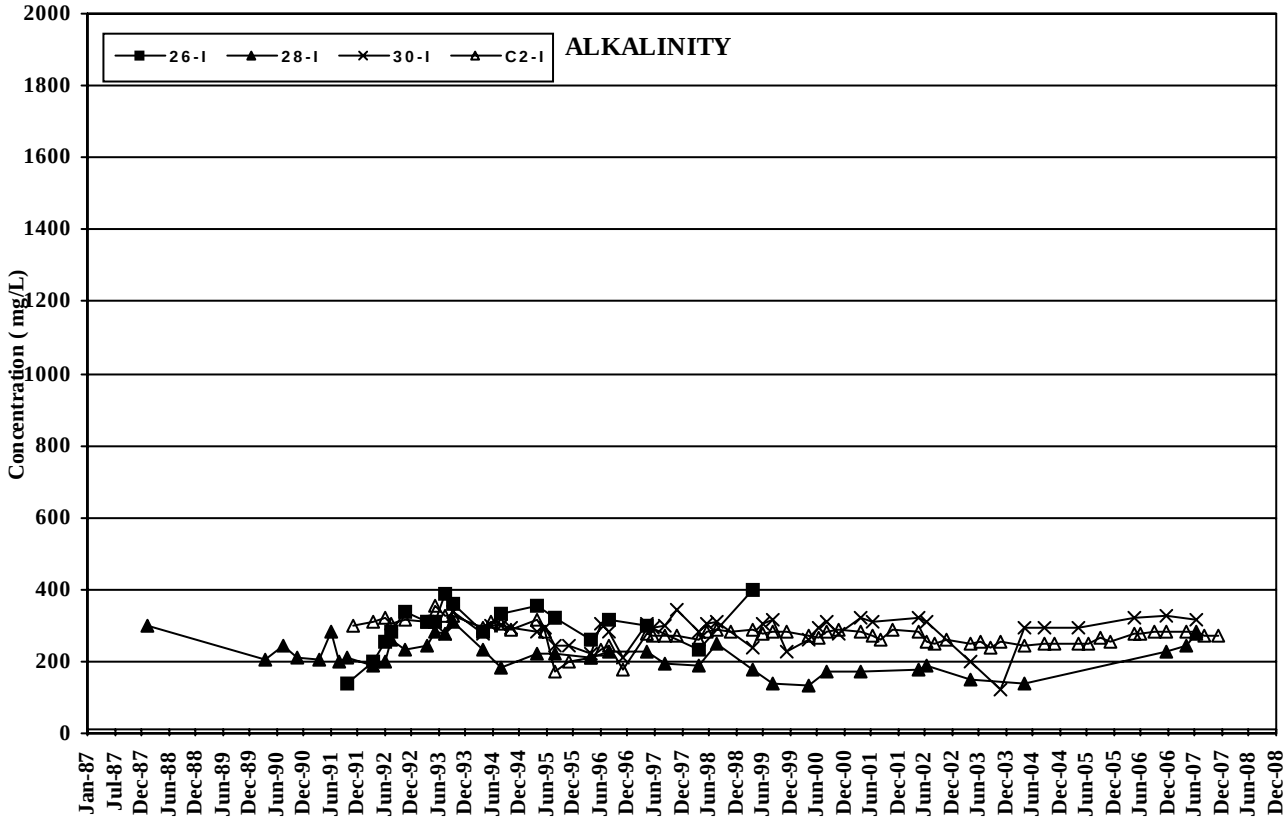
Eastview Road Landfill Site

Ground Water Chemistry Trends

Shallow Overburden South of Landfill

FIGURE
C5

80-131
12b C5 GW Chem B and NH3 - West of Landf



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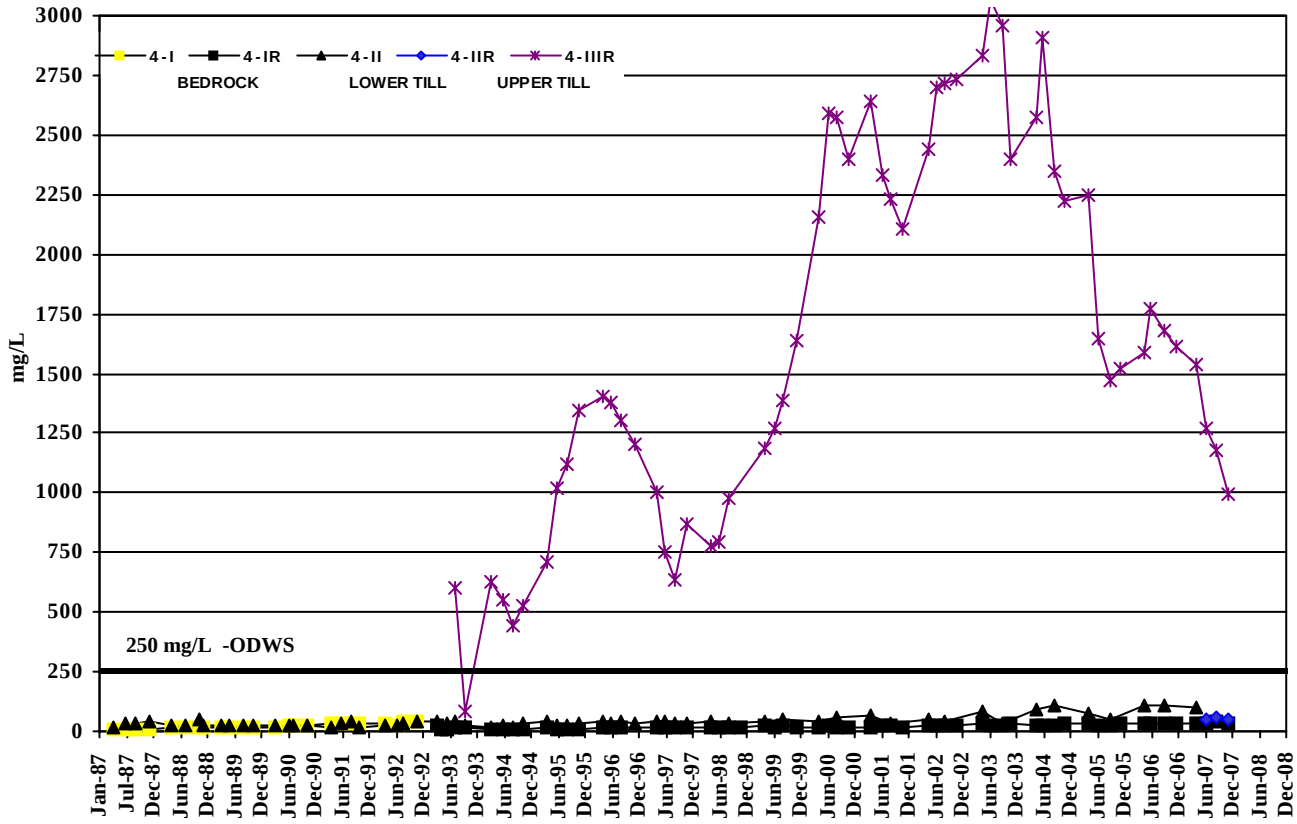
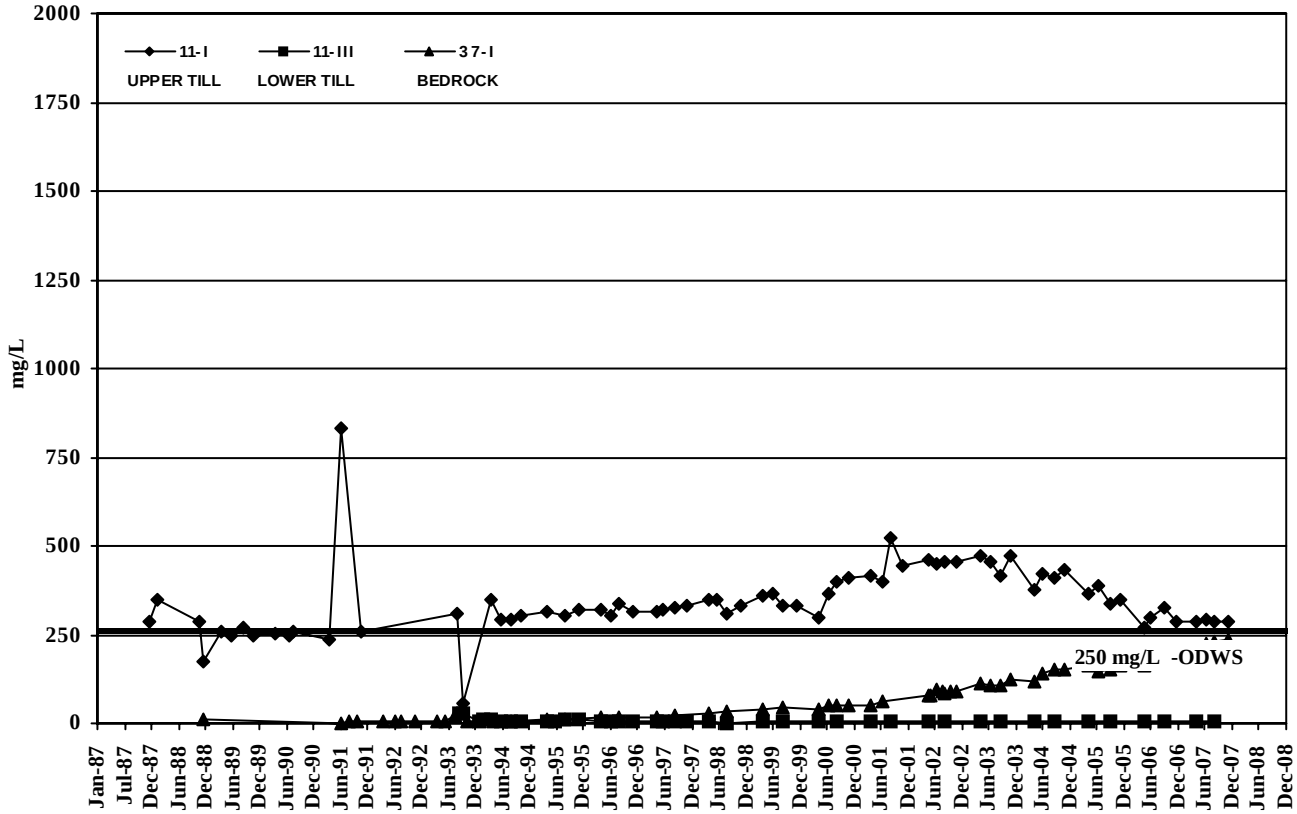
Eastview Road Landfill Site

Ground Water Chemistry Trends
Shallow Overburden South of Landfill

FIGURE
C6

80-131
12b C6 GW Chem Alk - West of Landfill





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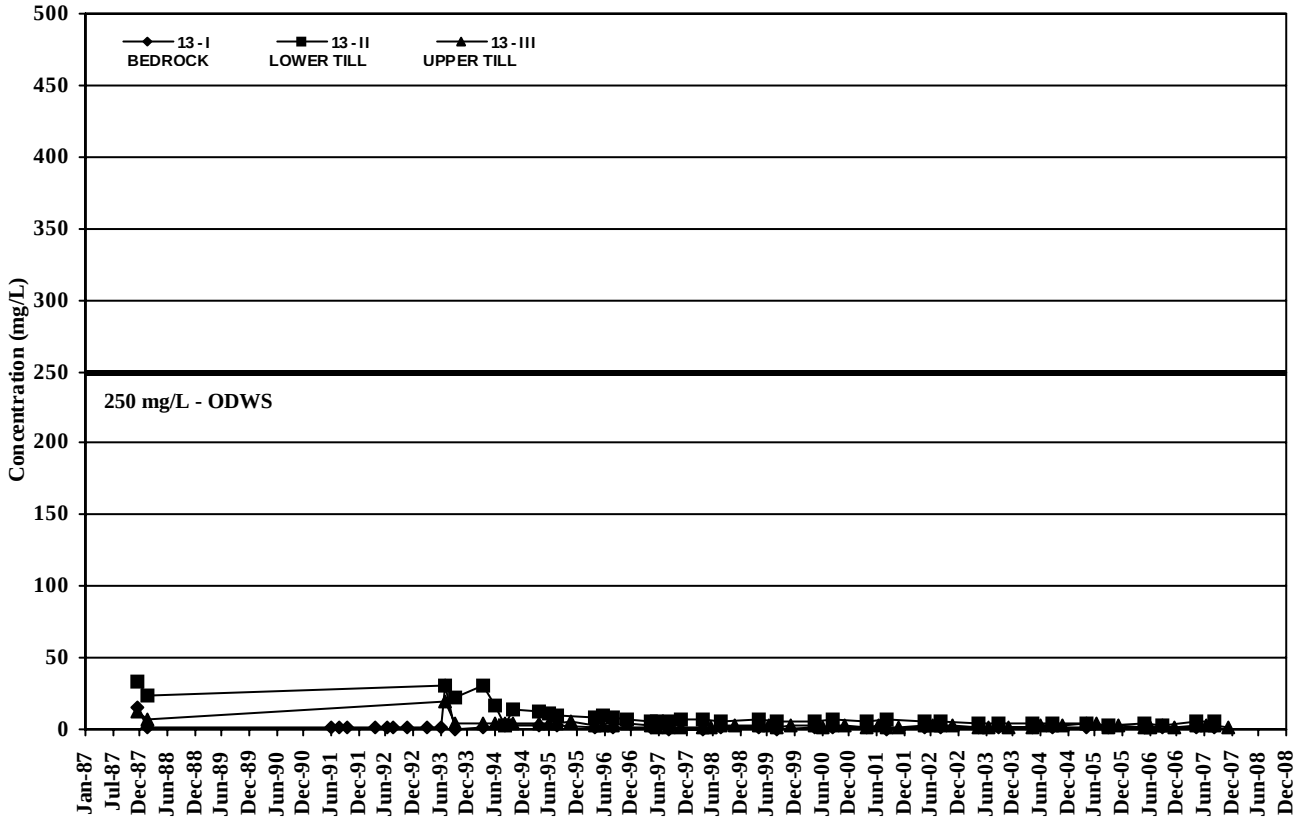
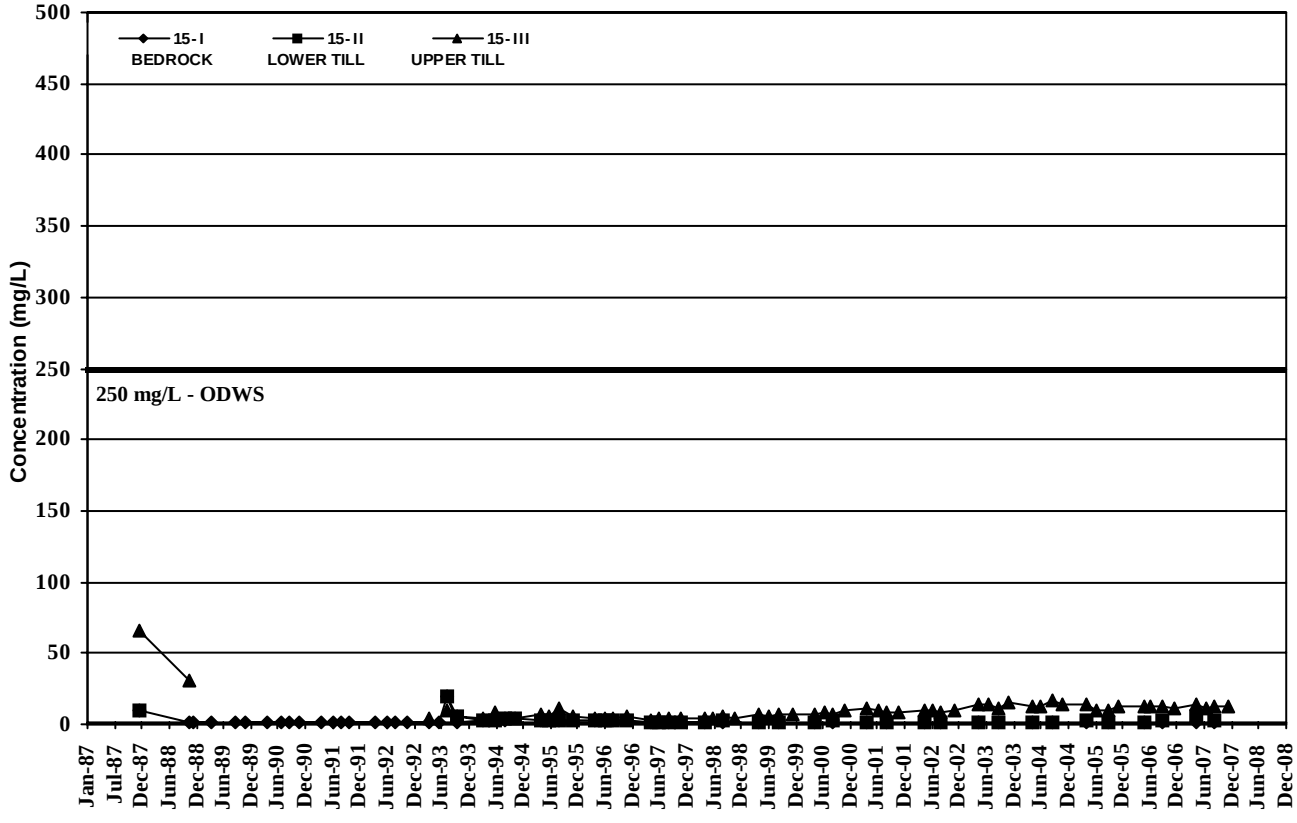
Ground Water Chemistry Trends
Chloride Concentration Profile

FIGURE
C7

80-131
12b C7 GW Chem Cl Concentration 4 and 11





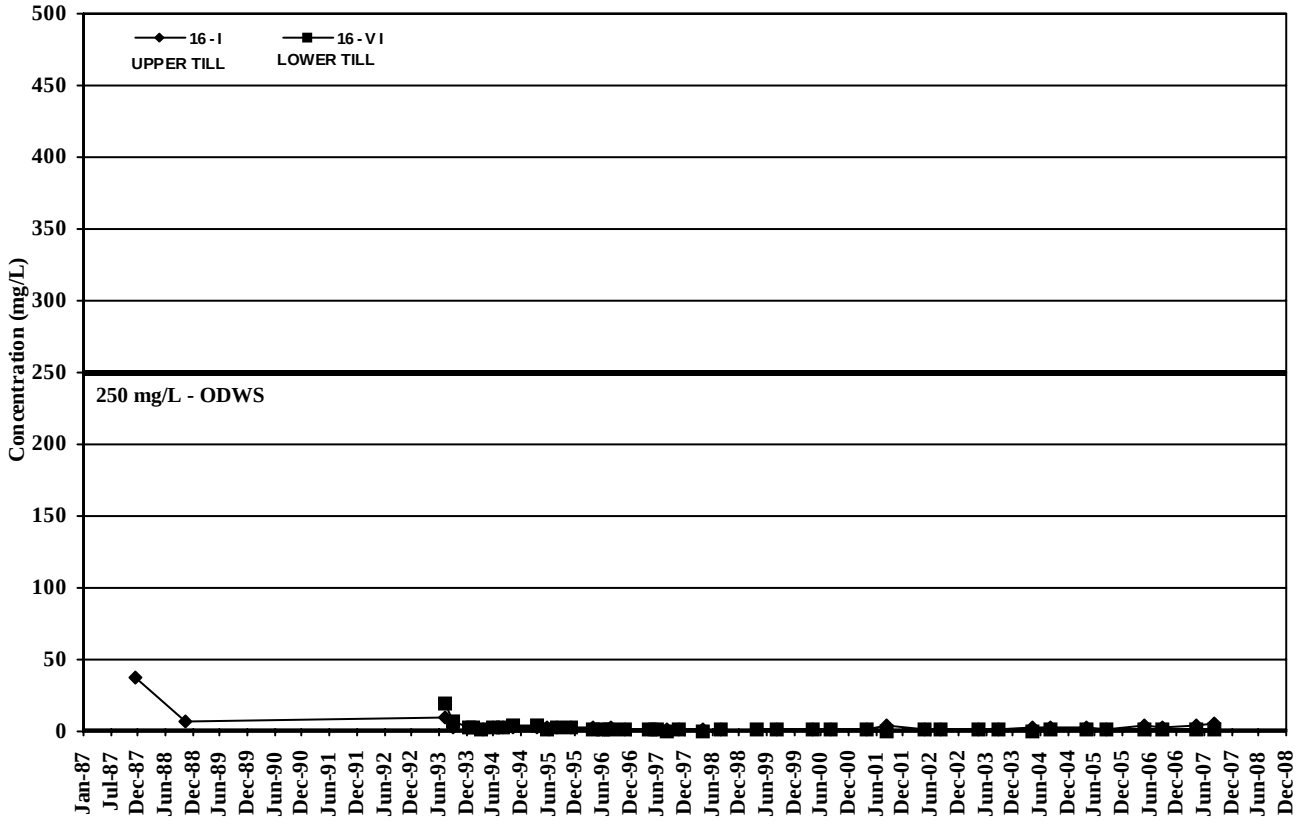
Gartner Lee

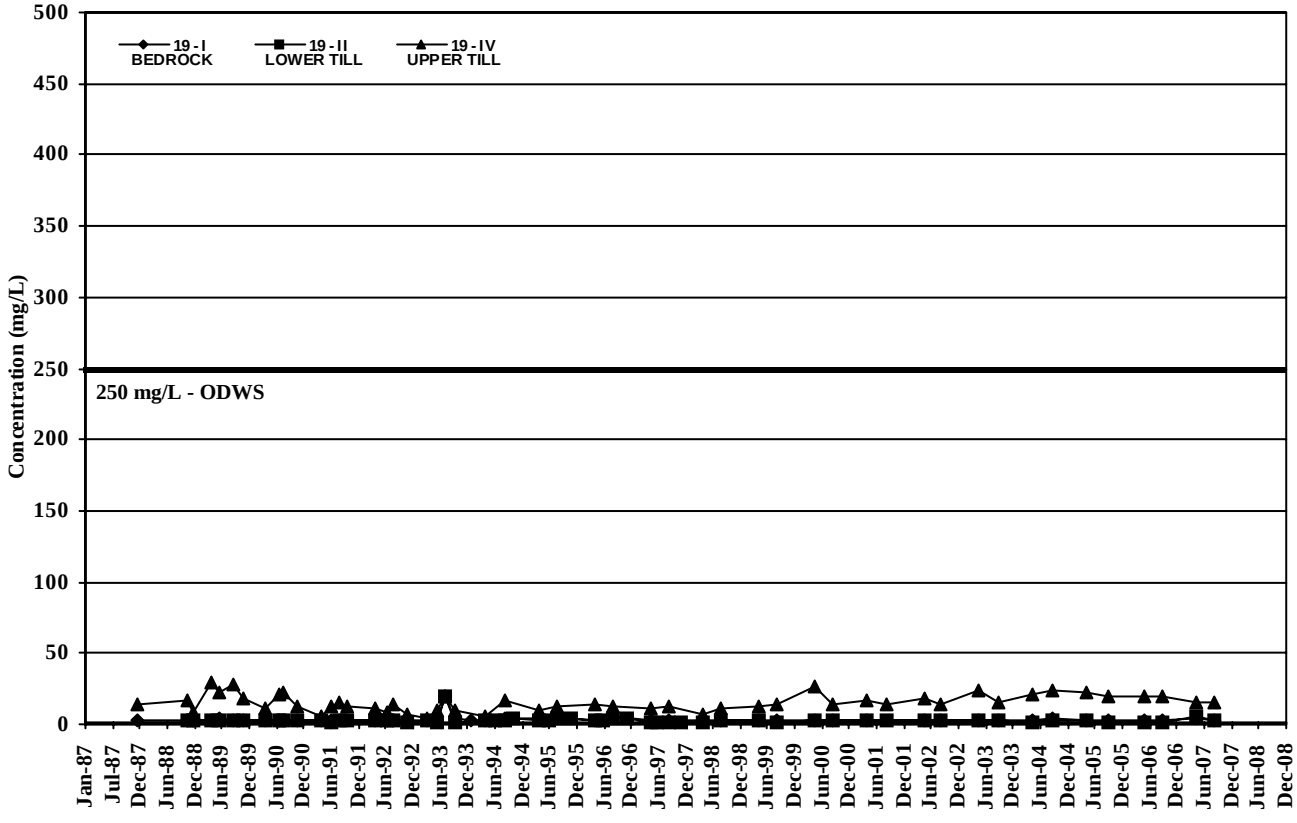
Eastview Road Landfill Site

Ground Water Chemistry Trends
Chloride Concentration Profile

FIGURE
C8

80-131
12b C8 GW Chem Cl Concentration 13 and 1





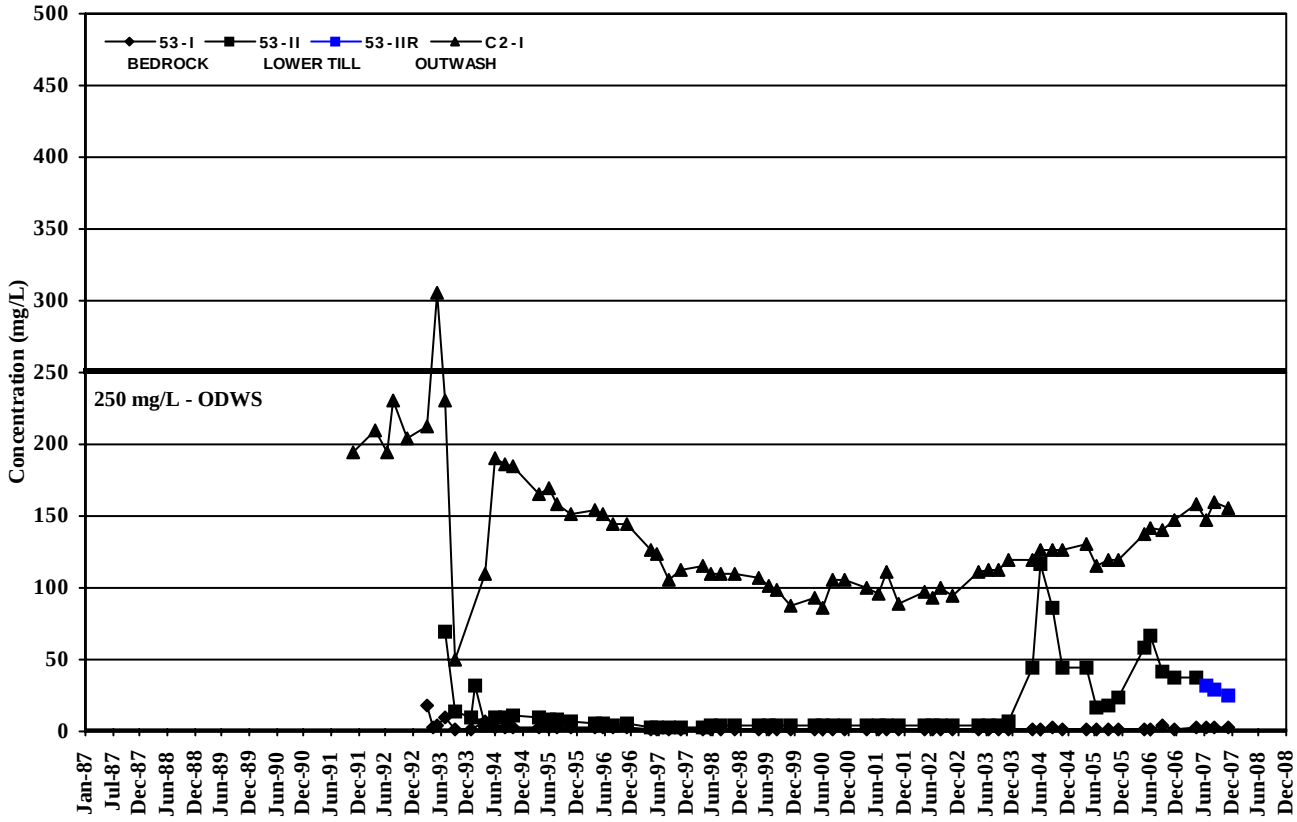
Gartner Lee

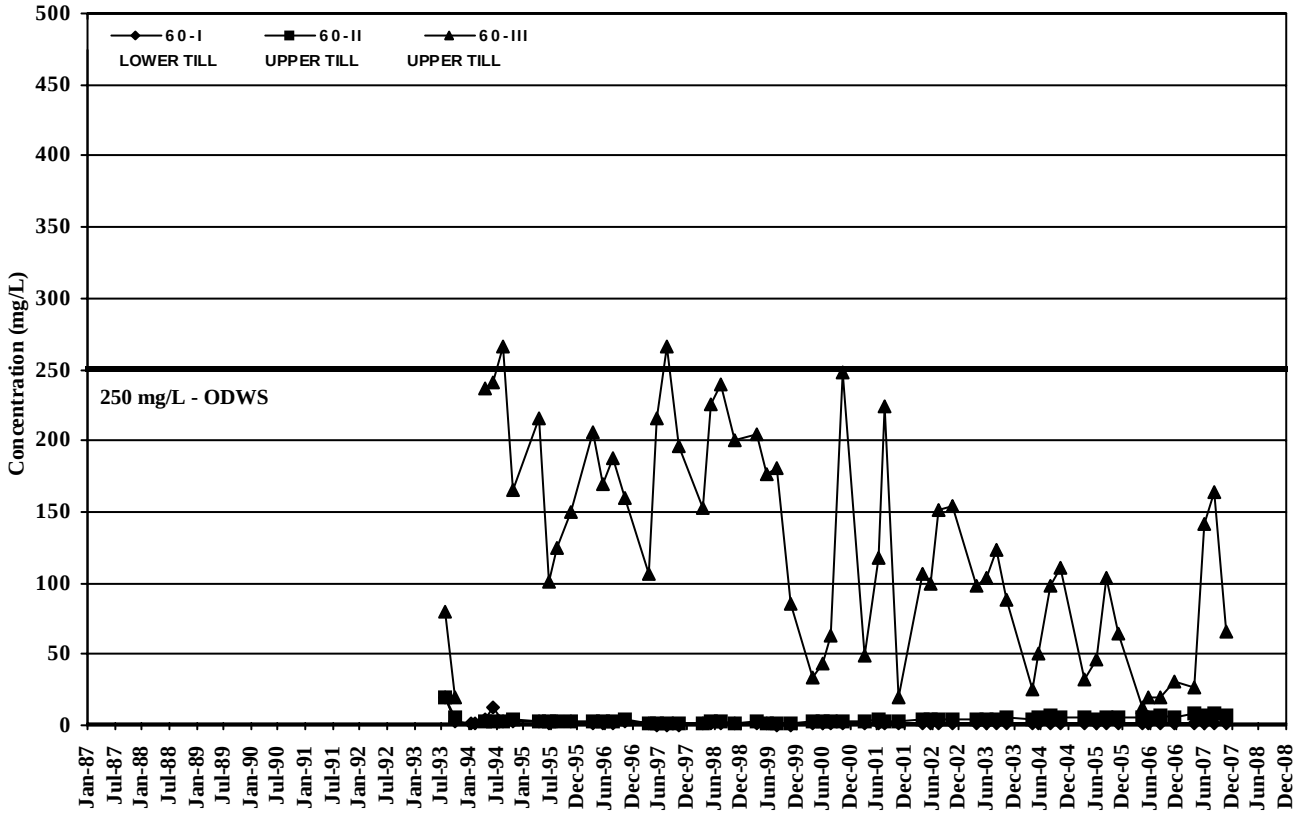
Eastview Road Landfill Site

Ground Water Chemistry Trends
Chloride Concentration Profile

FIGURE
C9

80-131
12b C9 GW Chem Cl Concentration 16 and 1





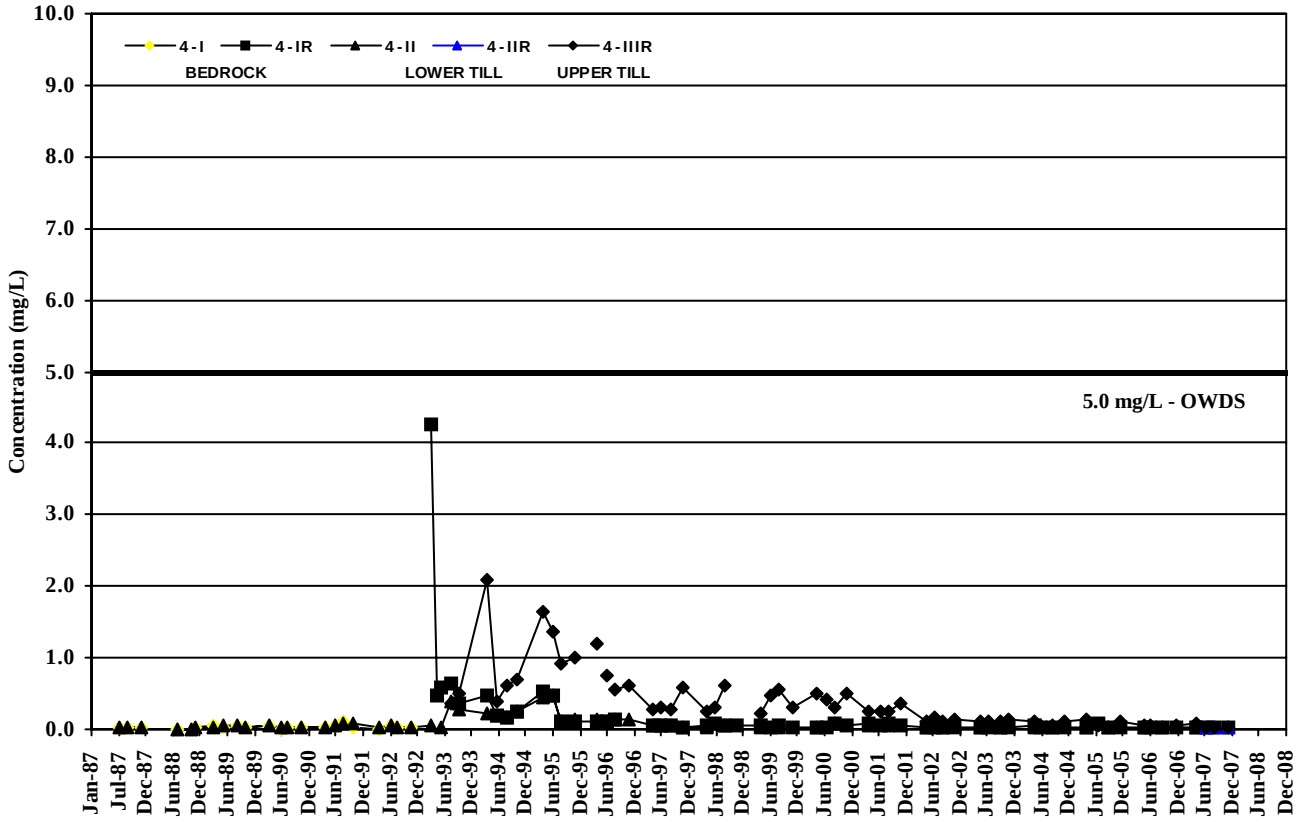
Gartner Lee

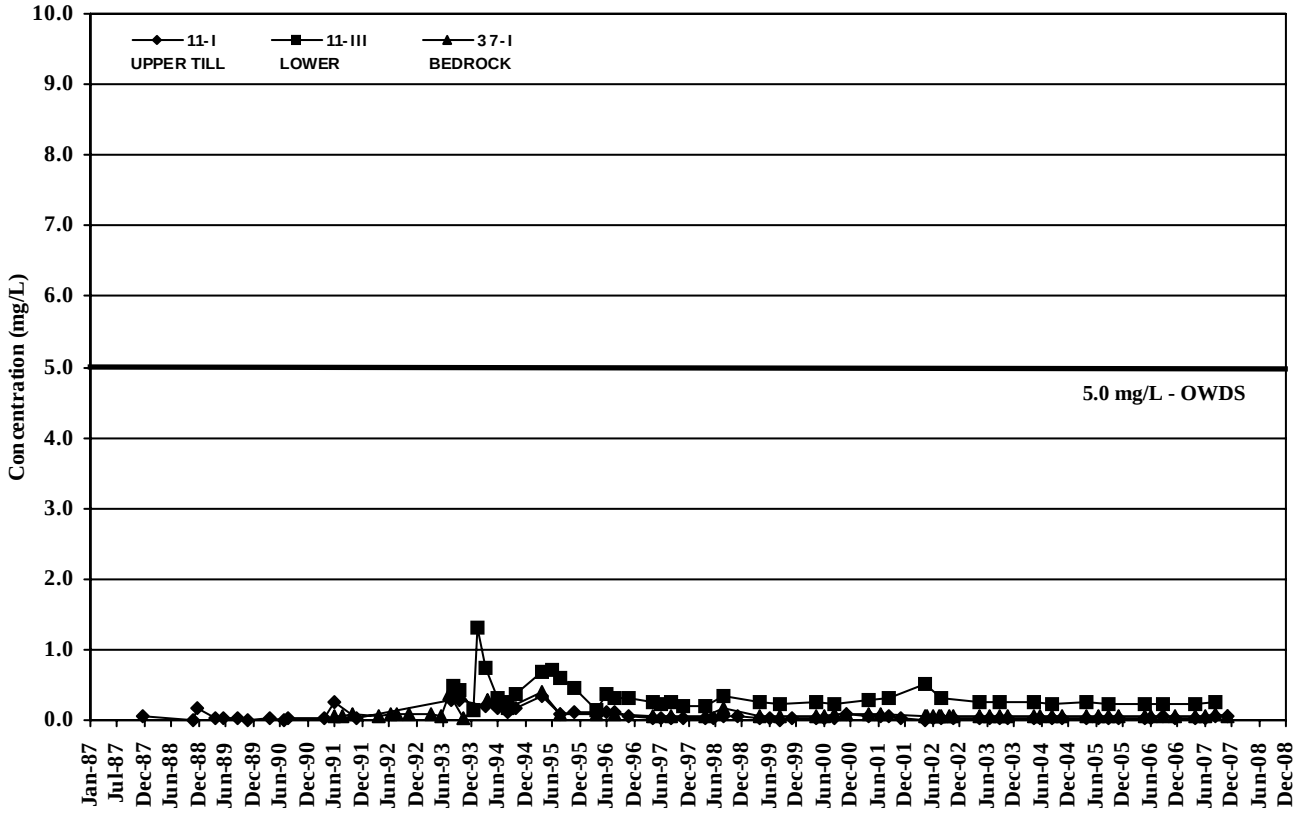
Eastview Road Landfill Site

Ground Water Chemistry Trends
Chloride Concentration Profile

FIGURE
C10

80-131
12c C10 GW Chem Cl Concentration 53 and





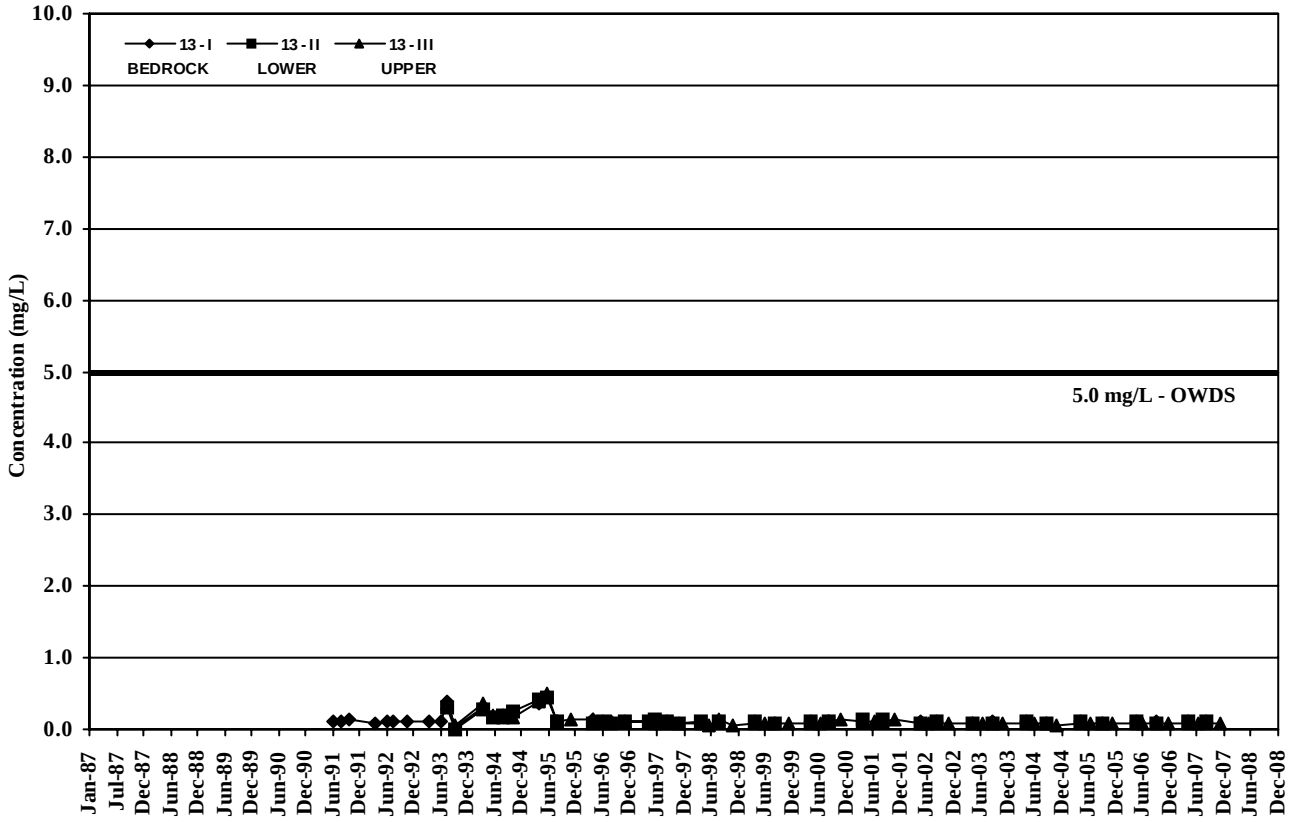
Gartner Lee

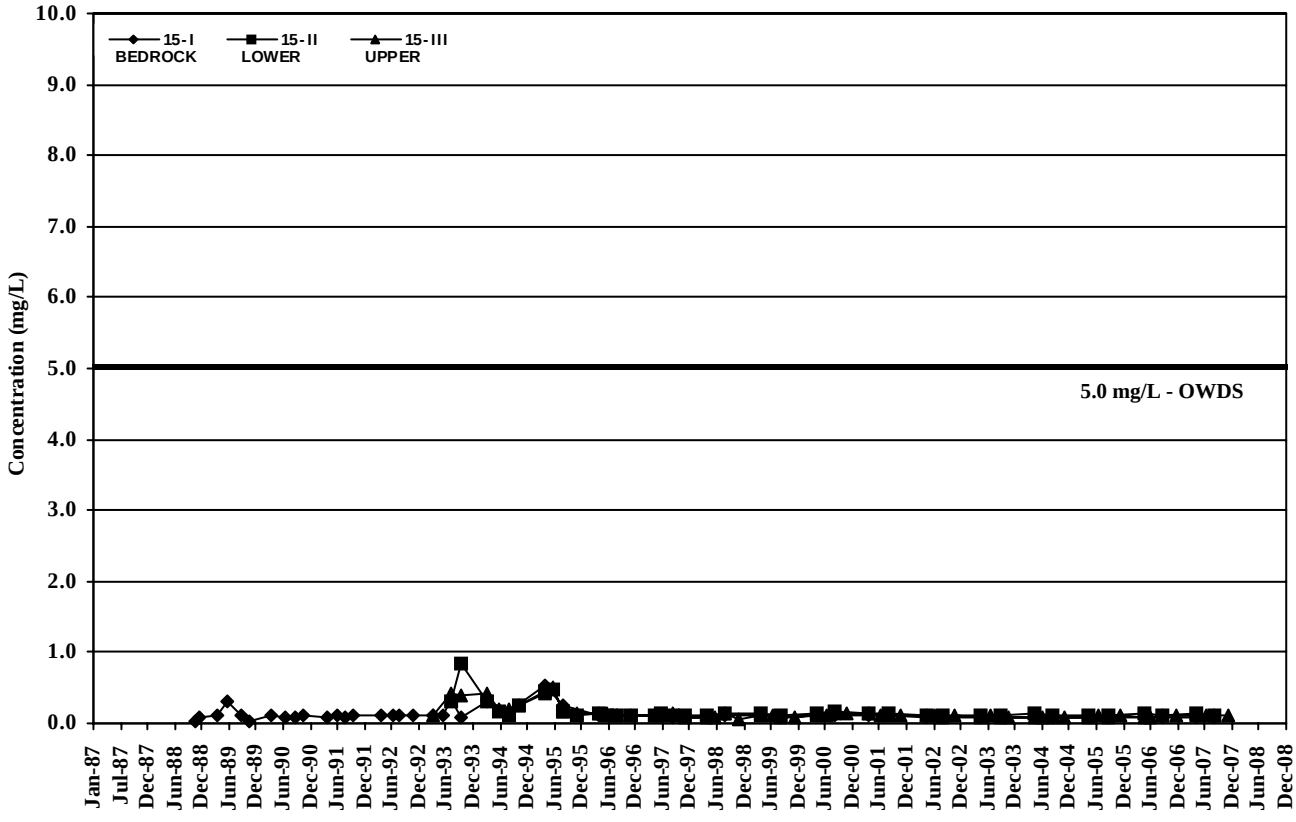
Eastview Road Landfill Site

Ground Water Chemistry Trends
Boron Concentration Profile

FIGURE
C11

80-131
12c C11 GW Chem B Concentration 4 and 11





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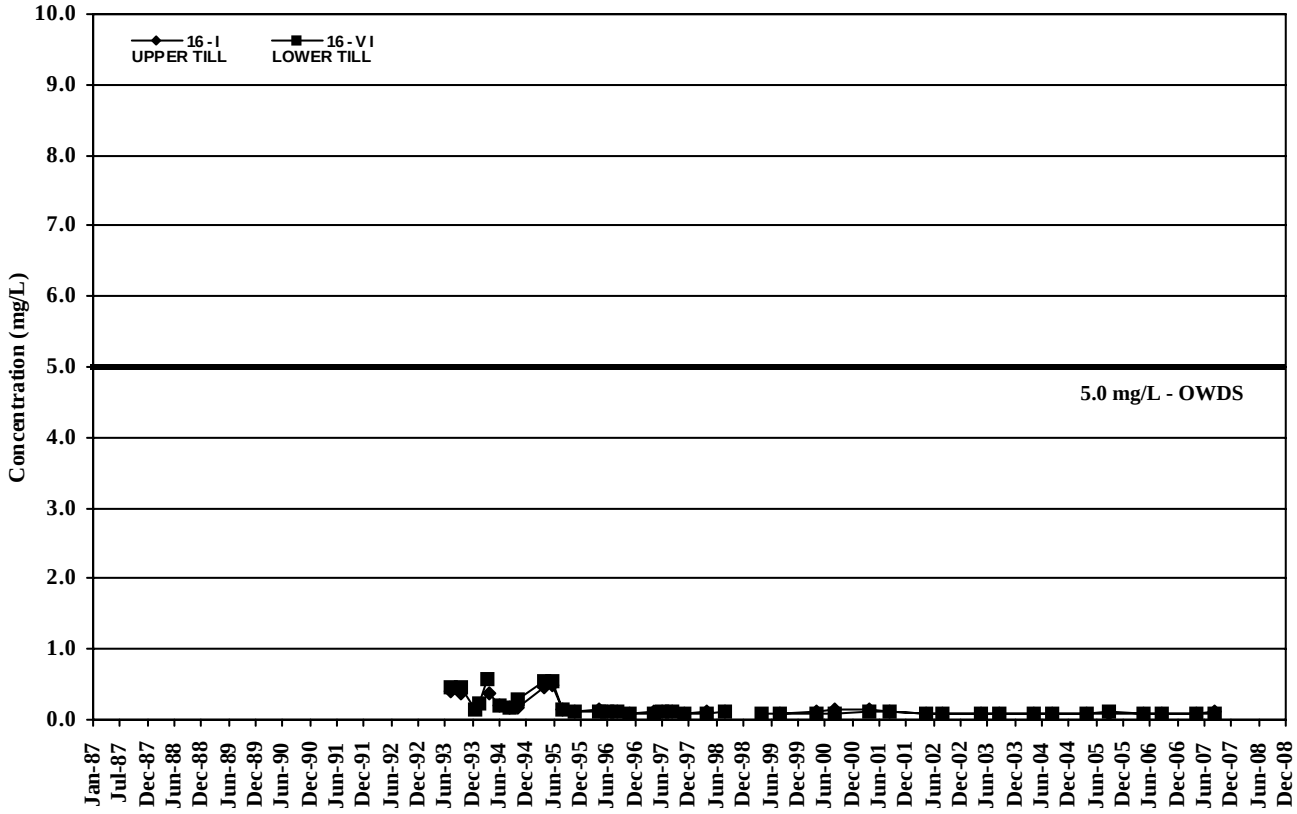
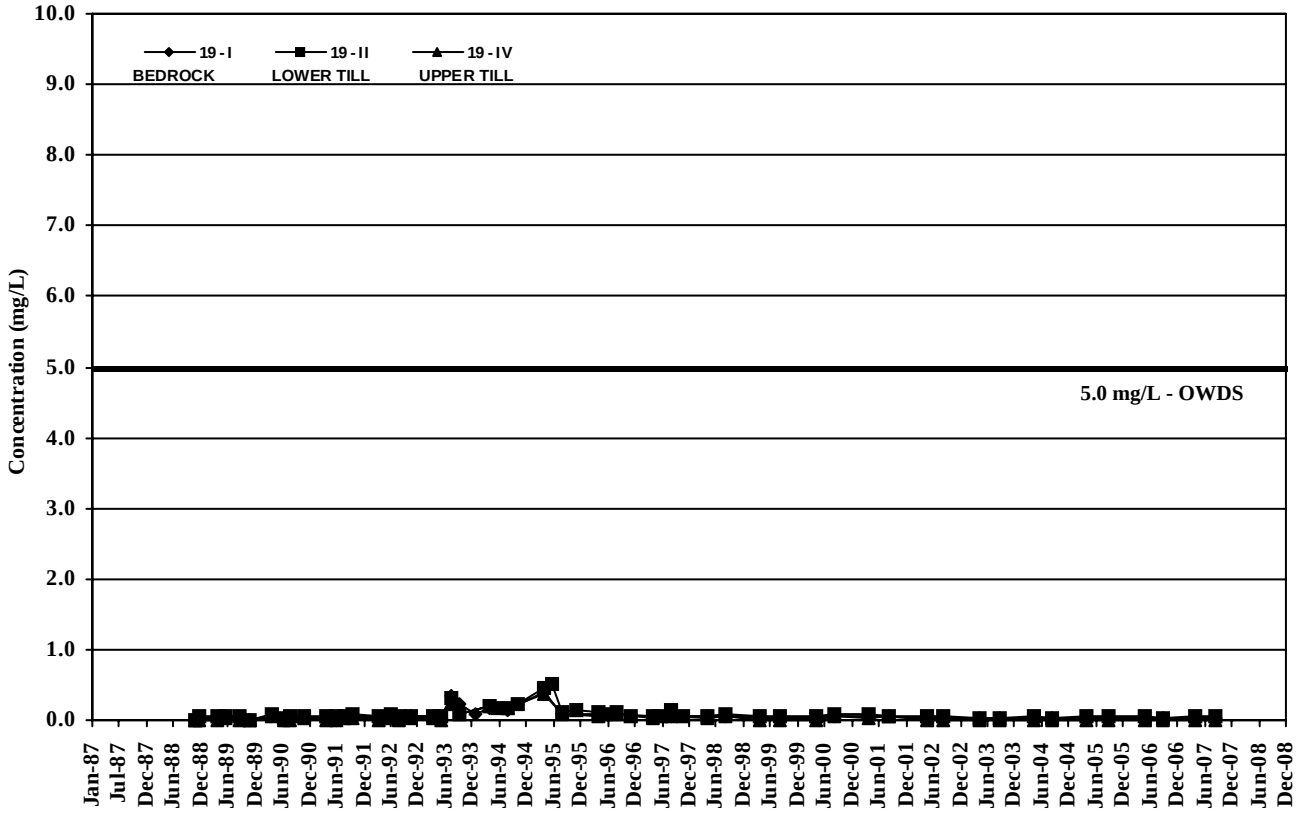
Eastview Road Landfill Site

Ground Water Chemistry Trends
Boron Concentration Profile

FIGURE
C12

80-131
12c C12 GW Chem B Concentration 13 and 1





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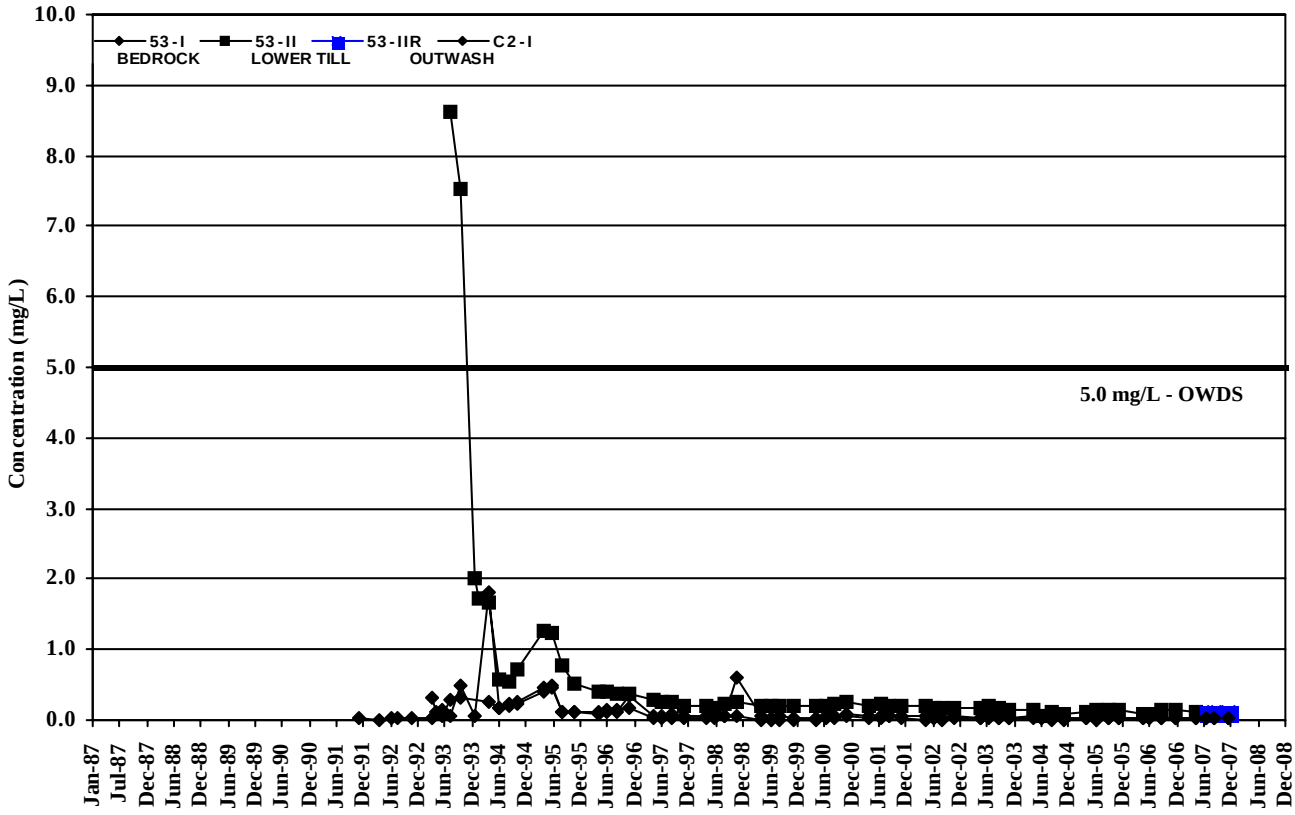
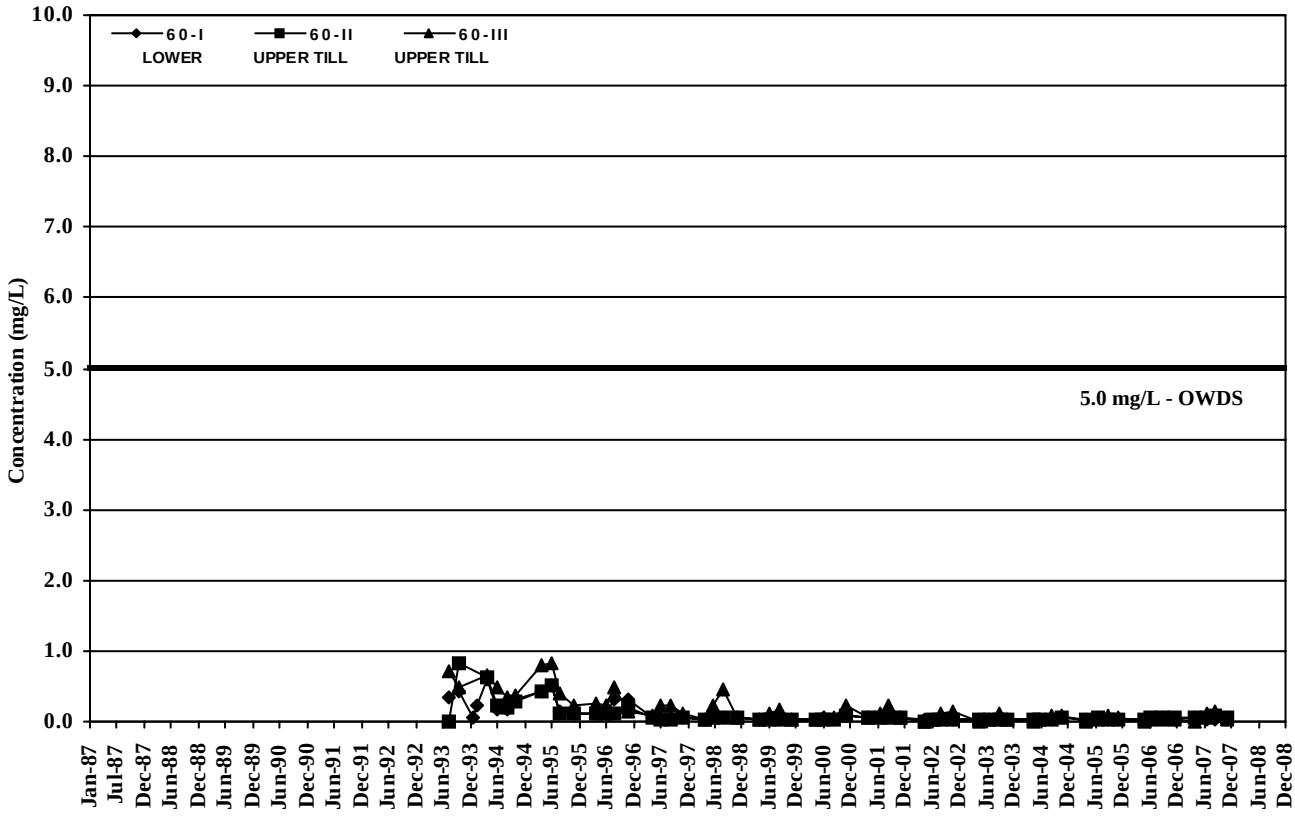
Eastview Road Landfill Site

Ground Water Chemistry Trends
Boron Concentration Profile

FIGURE
C13

80-131
12c C13 GW Chem B Concentration





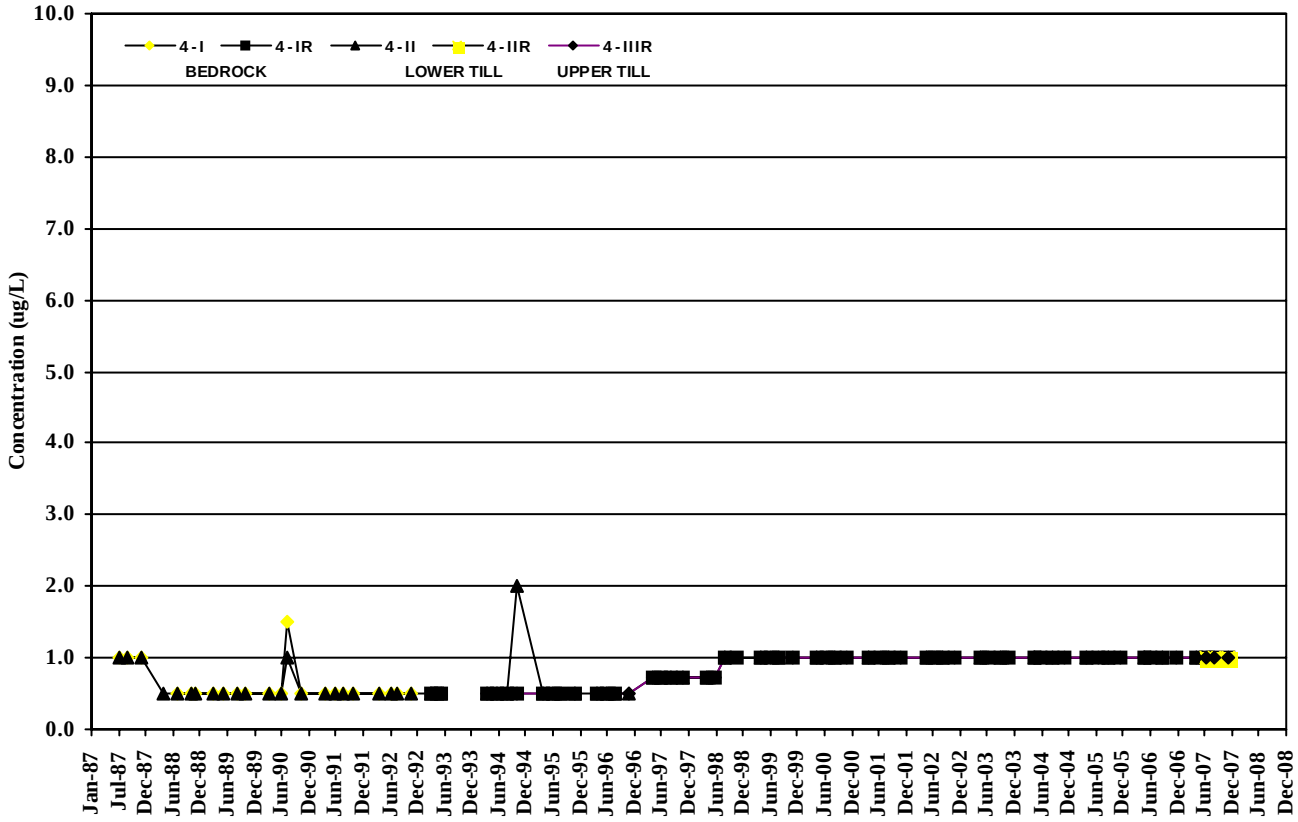
Gartner Lee

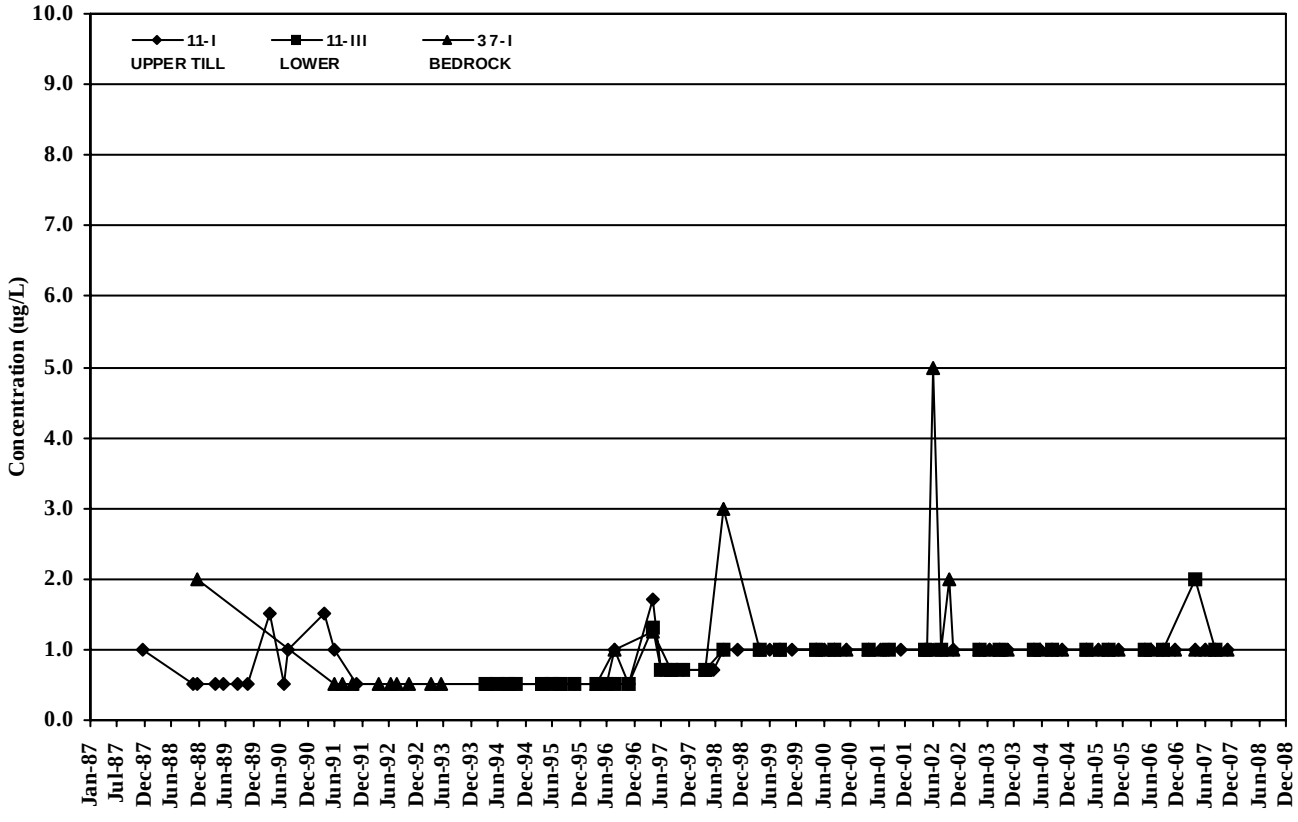
Eastview Road Landfill Site

Ground Water Chemistry Trends
Boron Concentration Profile

FIGURE
C14

80-131
12c C14 GW Chem B Concentration





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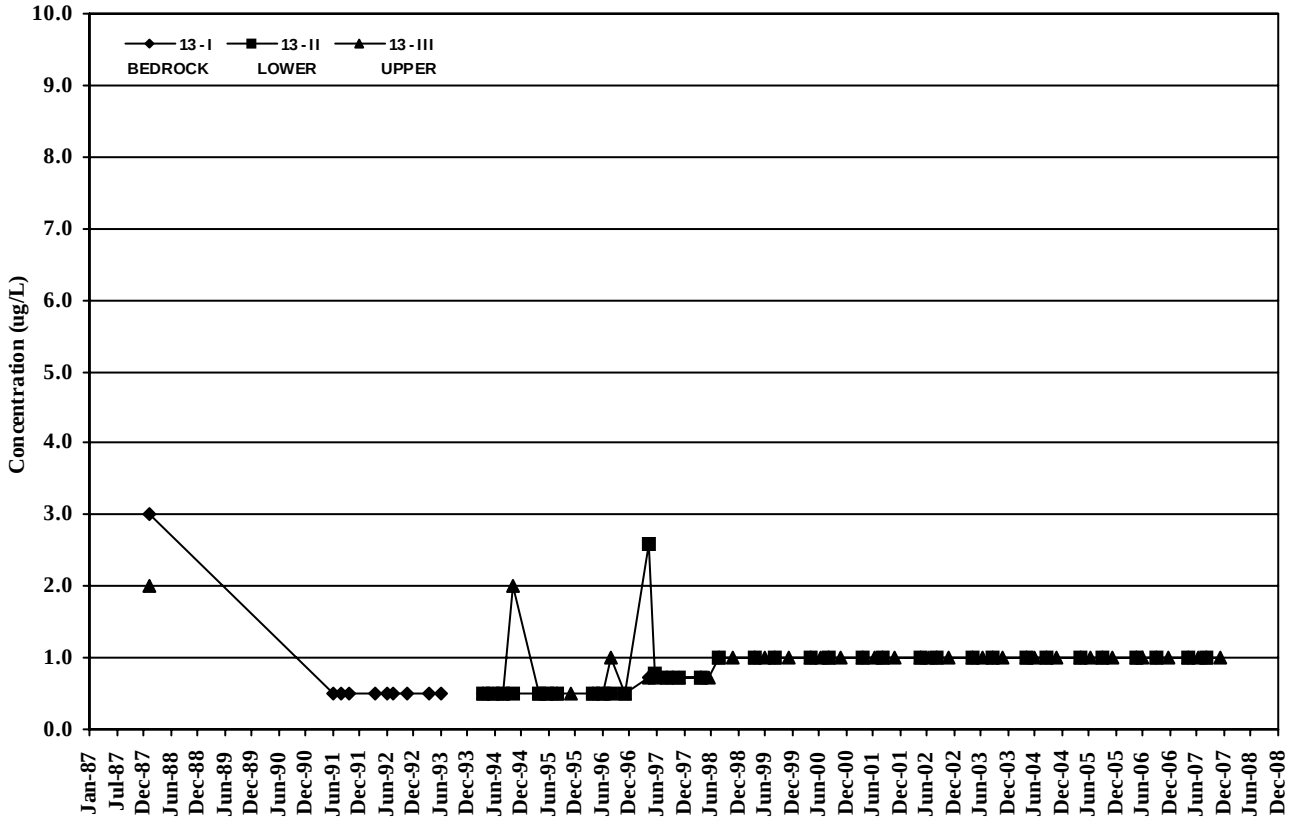
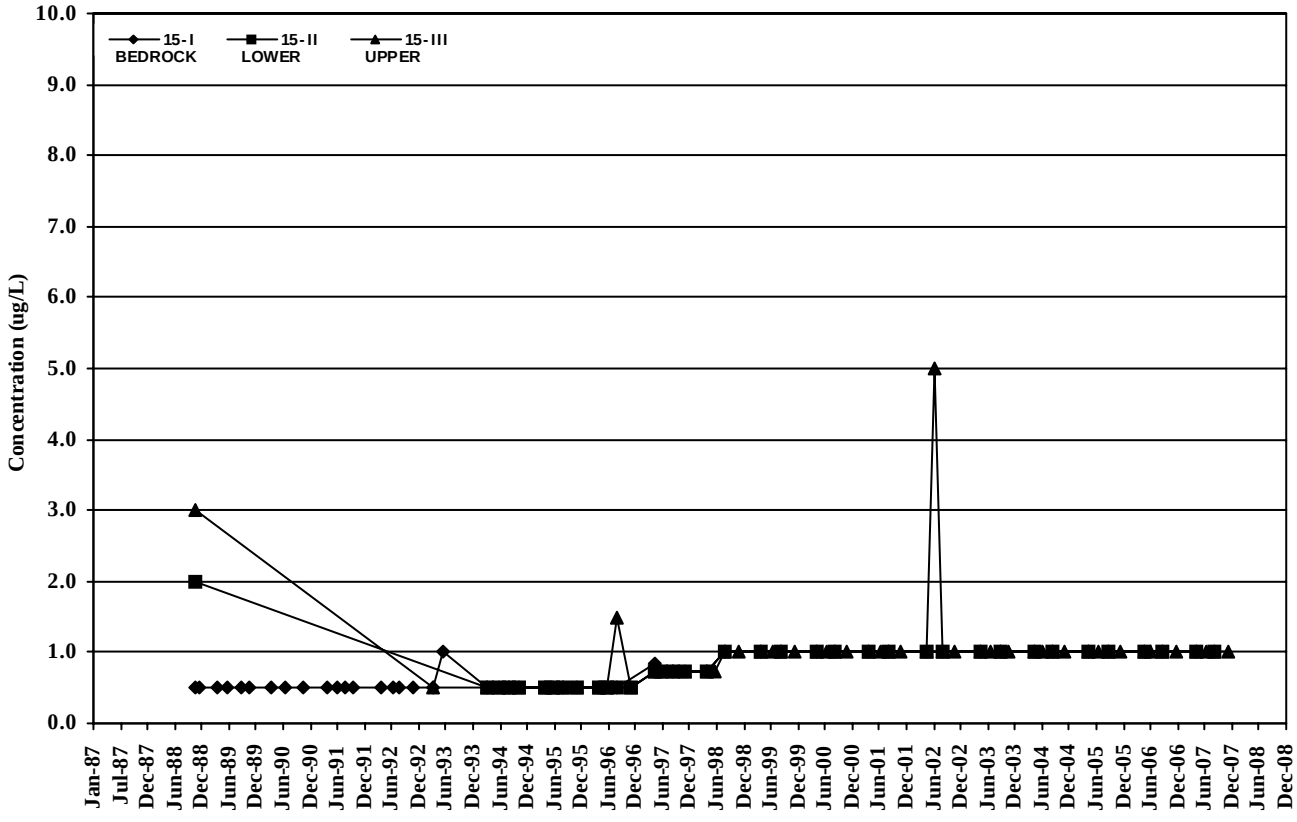
Eastview Road Landfill Site

Ground Water Chemistry Trends
Phenol Concentration Profile

FIGURE
C15

80-131
12c C15 GW Chem Phenol Concentration 4 a





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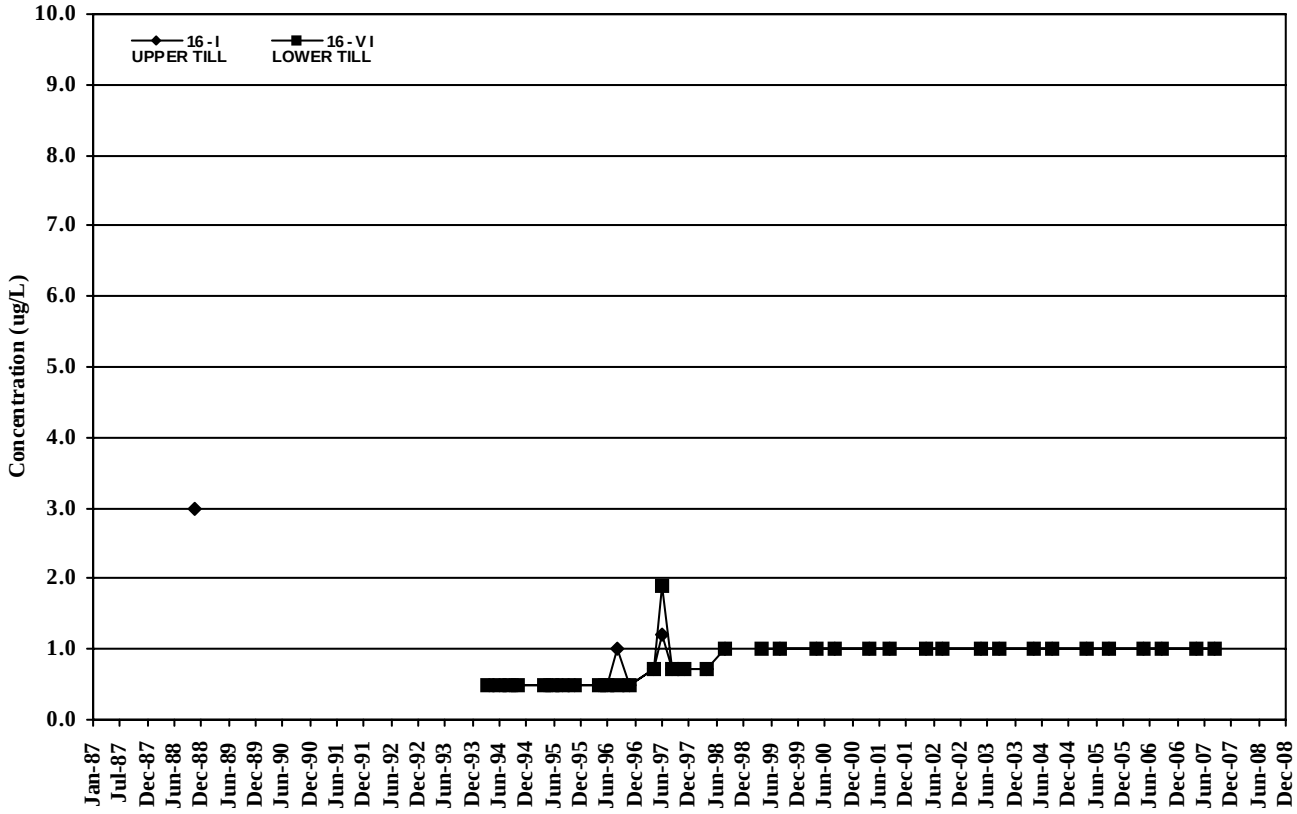
Eastview Road Landfill Site

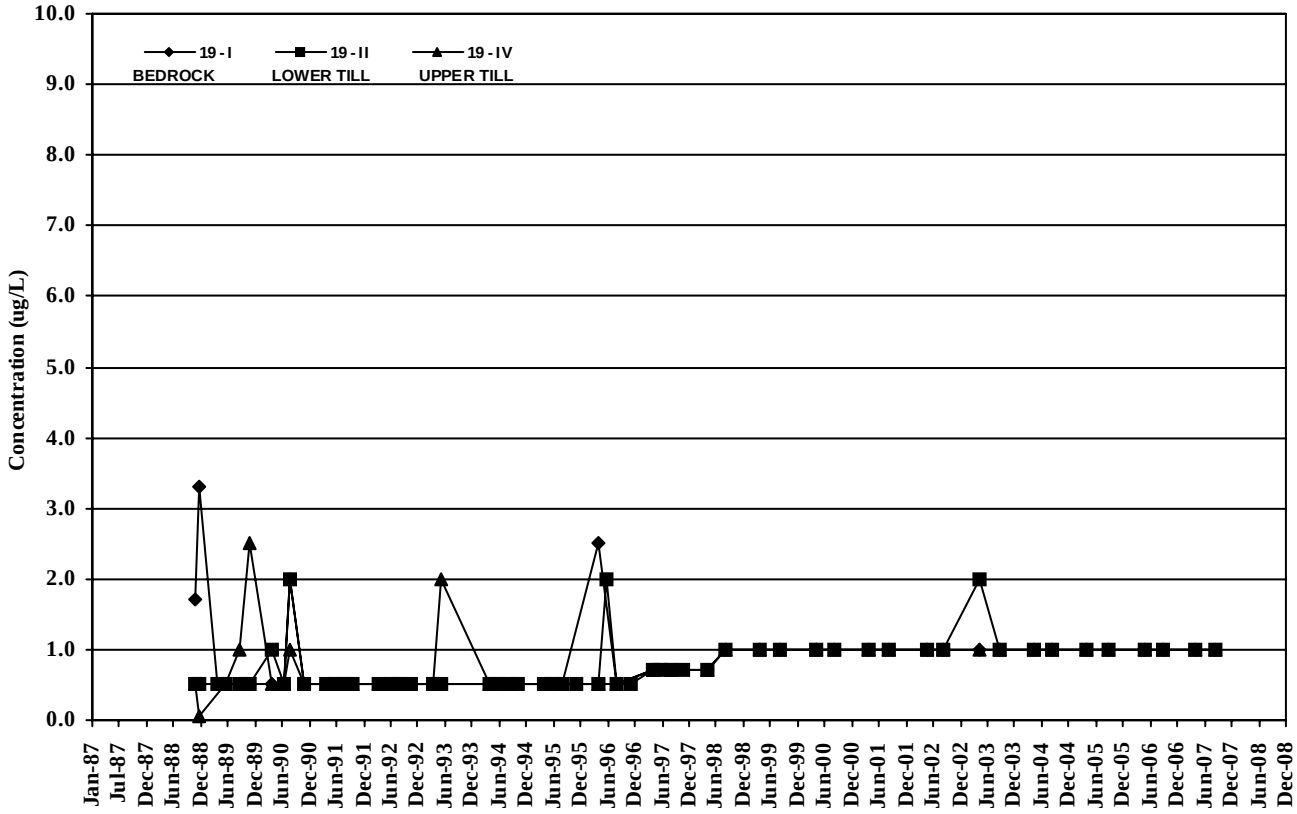
Ground Water Chemistry Trends

Phenol Concentration Profile

FIGURE
C16

80-131
12c C16 GW Chem Phenol Concentration 13





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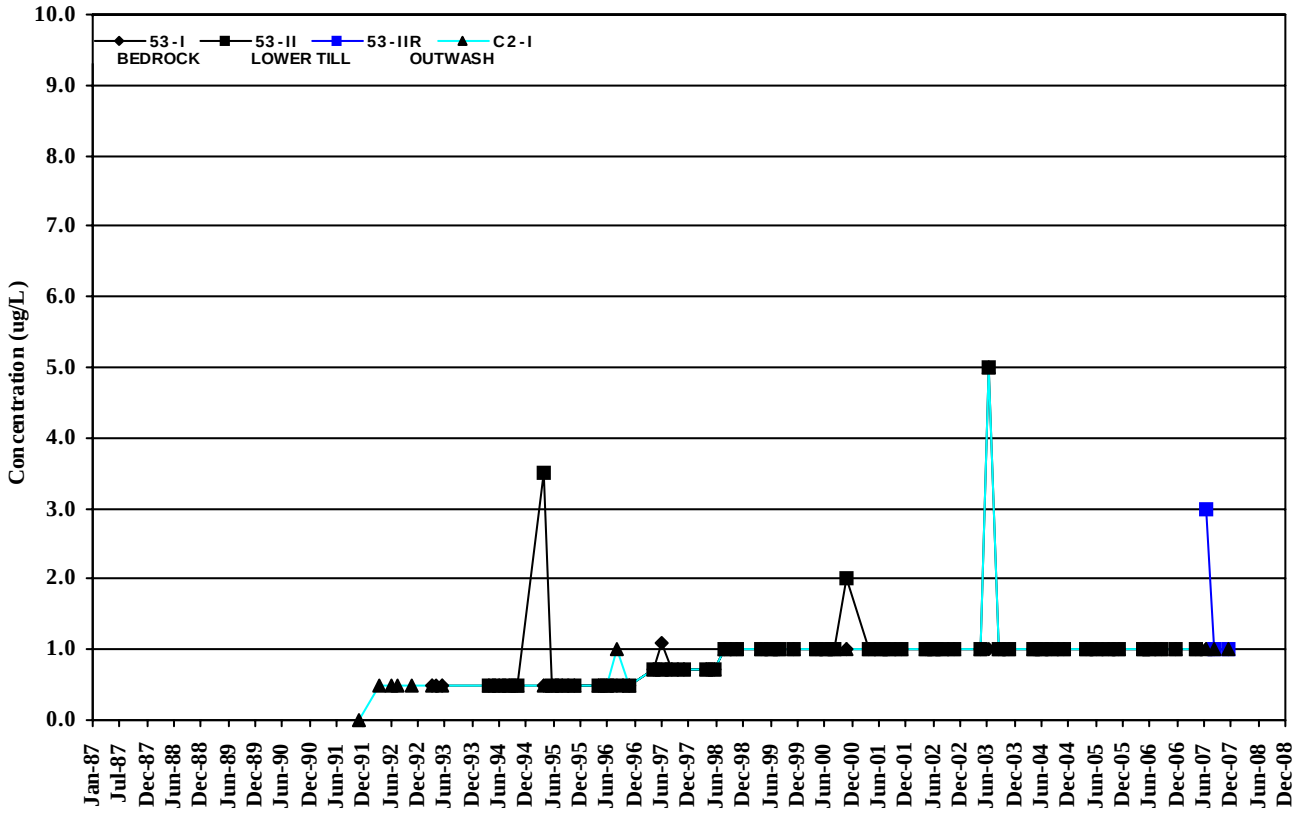
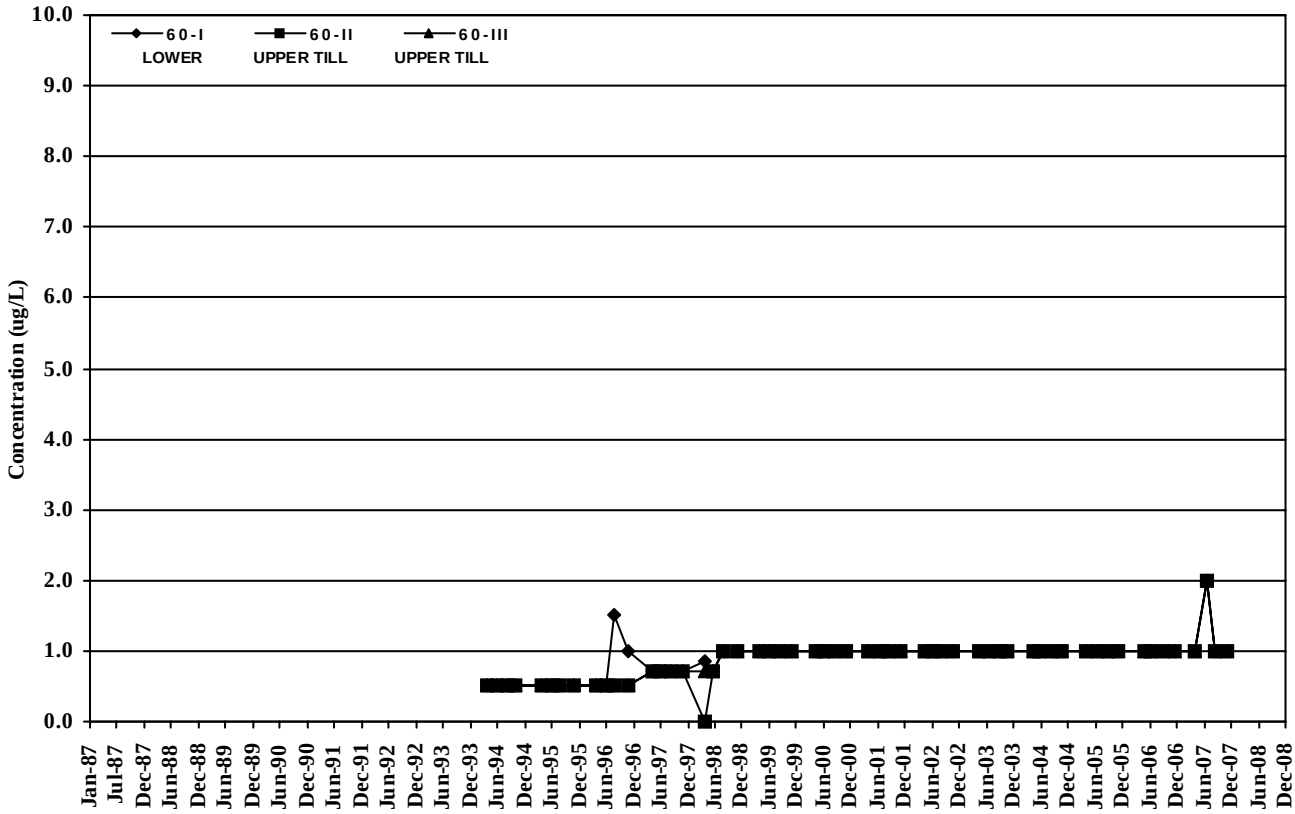
Eastview Road Landfill Site

Ground Water Chemistry Trends
Phenol Concentration Profile

FIGURE
C17

80-131
12c C17 GW Chem Phenol Concentr





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Eastview Road Landfill Site

Ground Water Chemistry Trends

Phenol Concentration Profile

FIGURE
C18

80-131
12c C18 GW Chem Phenol Concentr

Appendix D

Groundwater Quality – 2007 Private Water Well Analyses

PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P5

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
01-Feb-84	7.9	623	226	310	21					69	< 0.1		< 0.1	< 0.0002			
01-Oct-84	7.7	626	227	232	27.6					78	0.2		< 0.05	< 0.0002			
01-Sep-85	7.51	637	227	323	29.8					82	< 0.05		< 0.2	< 0.0008			
01-Jan-86	7.83	505	222	261	14.2					38	< 0.1		< 0.05	0.0004			
01-Nov-86	7.7	680	190	277	28					69	0.31		0.19	0.024			
29-Jul-87	7.8	678	220		36	15	72	38	1.6	85	0.06	< 0.01	< 0.01	< 0.001	0.03	0.11	0.02
10-Dec-87	8.1	643	230		36	17	74	43	1.6	86	0.19	< 0.01	< 0.01	< 0.001	0.03	0.04	0.02
01-Aug-88	8.42	632	230		29.3	15.4	69.1	38.6	1.3	79.9	0.17	< 0.01	< 0.01	< 0.0005	0.02	0.55	0.02
09-Feb-89	8.01	516	222	268	9.42					43.4	0.24		< 0.01	0.0007		< 0.01	
01-Jun-89	7.49	519	229	269	16.7					36.6	0.21		< 0.02	< 0.0005		1.39	
01-Nov-89	8.31	502	226	249	19.3					40.4	0.26		< 0.02	0.001		1.17	
01-Jul-90	7.37	487	22	255	18.4					40	0.04		< 0.02	< 0.0005		0.02	
01-Nov-90	8.29	487	219	259	19.1					35.1	0.28		< 0.02	< 0.0005		0.23	
21-Jun-91	8.07	480	218	244	20.4					37	0.28		< 0.02	< 0.0005		0.22	
11-Oct-91	8.13	476	220	250	18.9					38.7	0.29		< 0.02	< 0.0005		0.42	
10-Nov-92	7.83	446	219	265	20.9	12.2	40.2	39.9	1	< 42.5	0.31		< 0.02	< 0.0005	0.03	0.86	0.03
10-Jun-93	7.77	547	224	278	24.8	13.1	50.1	37.1	1	54.6	0.25		< 0.02	< 0.0005	0.03	1.15	0.02
05-Nov-93	7.73	504	236	287	31.5	13.1	55.3	36.31	1.17	58.53	< 2		< 0.5		0.33	1.6	0.04
05-Nov-93	7.91	498	226	278	25	15.1	49.4	37.5	< 1	65.2	0.3		< 0.1	< 0.0005	0.04	1.25	0.02
29-Jun-94	7.75	529	221	291	21.5	13.5	49.3	40.7	< 1	45.3	0.24		< 0.2	< 0.0005	0.03	0.55	0.02
29-Jun-94	8.2	489	228	294	22.6	14.3	49.7	41.5	1.27	49	0.31		0.5	< 0.0005	0.34	0.81	0.01
27-Oct-94	7.74	570	221	282	22.5	12.6	52.1	36.9	< 1	49.6	0.21		< 0.1	< 0.0005	0.03	0.67	0.04
27-Oct-94	8	505	223	295	23.3	17	51.6	40.6	1.5	52.7	0.28		< 0.5	< 0.0005	0.26	0.8	0.05
15-Jun-95	8.27	427	199	245	34.8	14.3	34.8	38.6	0.989	21.1	0.24	< 0.06	< 0.1	< 0.0005	0.53	0.859	0.026
15-Nov-95	8.23	652	208	349	29.8	15.8	72.5	41	1.32	87.3	0.233	< 0.06	< 0.1	< 0.0005	0.13	0.54	0.02
19-Jun-96	8.05	469	231	284	21.5	14.1	43.5	42.8	1.14	41.4	0.299	< 0.06	< 0.05	< 0.0005	0.11	< 0.01	0.02
14-Nov-96	8.24	647	212	344	28.4	15.8	71.6	40.3	1.2	84.8	0.22	< 0.06	0.07	< 0.0005	0.07	0.48	0.02
07-Jul-97	8.11	548	224	286	22.1	12	44.9	42.2	0.8	43	0.275	< 0.14	< 0.14	0.0009	0.03	0.883	0.025

Note: ODWS - Indicates Ontario Drinking Water Standard a - Non health related objectives (Aesthetic or Operational)
h - Health related objectives

PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P5

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
19-Nov-97	7.77	625	223	373	27.6	12.3	83.2	40.1	1.07	78	0.172	< 0.014	< 0.014	< 0.0007	0.04	0.5	0.022
24-Jun-98	7.78	570	228	265	22.6	13.5	47.9	35.4	1.11	55.1	0.236	< 0.014	< 0.014	< 0.0007	0.06	0.786	0.02
19-Nov-98	7.7	610	230	310	24	14	61	39	< 1	61	0.28	< 0.1	< 0.1	< 0.0002	< 0.05	2.4	0.02
18-Aug-99	8.08	554	224	274	21.4	13	41.7	41.3	< 1	38.9	0.26	< 0.2	< 0.2	< 0.001	0.03	0.48	0.022
18-Aug-99	8.1	563	232	273	21.3	13.1	41.5	41.1	1.1	38.4	0.25	< 0.2	< 0.2	< 0.001	0.03	0.48	0.022
14-Dec-99	8.06	589	226	289	23	13.6	50.1	39.8	< 1	50	0.25	< 0.2	< 0.2	< 0.001	0.03	0.47	0.02
14-Dec-99	8.07	589	226	282	21.7	13.9	48.4	39.2	< 1	48	0.25	< 0.2	< 0.2	< 0.01	0.03	0.46	0.019
19-Jul-00	8.1	534	232	300	24.2	14.1	56.5	38.6	1	56.6	0.21	< 0.2	< 0.2	< 0.001	0.04	0.45	0.019
10-Jul-01	7.89	589	244	314	23.4	15.2	65.3	36.6	2	84.7	0.15	< 0.2	< 0.2	< 0.001	0.04	0.3	0.017
10-Oct-01	8	519	240	298	22.3	14	49	42.5	< 1	44	0.24	< 0.2	< 0.2	< 0.001	0.02	0.39	0.019
12-Jun-02	7.87	571	233	295	23.9	12.7	49.8	41.6	< 1	46.5	0.23	< 0.2	< 0.2	< 0.001	0.02	0.49	0.018
04-Nov-02	8.12	540	228	296	22.2	12.5	48.7	42.4	< 1	45.5	0.3	< 0.2	< 0.2	< 0.001	0.03	0.55	0.023
18-Jun-03	8.01	568	230	270	23	13.1	42.3	39.8	< 1	42	0.24	< 0.01	< 0.05	< 0.001	0.02	0.62	0.024
23-Oct-03	7.96	585	234	304	23.7	13.8	57.8	38.7	2	49.6		< 0.2	< 0.2	< 0.001	0.02	0.38	0.024
29-Jun-04	7.9	575	242	306	24.1	14.3	60.8	37.3	2	58.9	0.22	< 0.2	< 0.2	< 0.001	0.03	0.72	0.111
28-Oct-04	8.07	621	238	319	23.6	14.7	64.9	38	2	65.9	0.17	< 0.2	< 0.2	< 0.001	0.03	0.38	0.054
12-Jul-05	8.25	616	240	305	24	15.2	59.5	39.3	< 1	56	0.22	< 0.3	< 0.2	< 0.001	0.03	0.43	0.02
17-Nov-05	8.2	536	237	300	26	15	51.1	41.5	1	67	0.15	< 0.01	< 0.1	< 0.001	0.03	0.61	0.02
27-Jun-06	8.2	569	244	290	24	14	44	43	1.1	48	0.3	< 0.01	< 0.1	< 0.001	0.03	0.5	0.019
20-Nov-06	8.3	631	255	310	25	15	61	39	1.2	63	0.32	< 0.01	< 0.1	< 0.001	0.03	0.4	0.019
22-Jun-07	8.1	638	248	330	25	15	72	36	1.4	67	0.24	< 0.01	< 0.1	< 0.001	0.18	0.23	0.088
02-Nov-07	8.3	617	237	320	25	14	59	41	1.3	57	0.24	< 0.01	< 0.1	< 0.001	0.31	0.39	0.19

Note: ODWS - Indicates Ontario Drinking Water Standard a - Non health related objectives (Aesthetic or Operational)
h - Health related objectives

PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P6

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
01-Apr-84	7.7	496	219	240	10					31	< 0.1		< 0.1				
01-Sep-85	7.5	468	218	250	14.2					37	< 0.05		< 0.25	< 0.0006			
01-Nov-86	7.5	520	220	251	12					31	0.22		0.29	< 0.0001			
29-Jul-87	8	513	223		18	11	57	28	1.7	43	0.06	< 0.01	< 0.01	< 0.001	0.03	0.04	< 0.01
10-Dec-87	8	501	221		16	12	58	32	1.6	39	0.14	< 0.01	< 0.01	< 0.001	0.04	0.04	< 0.01
01-Aug-88	8.41	530	219		16.5	11.8	59.4	31.4	1.6	50.5	1.6	< 0.01	< 0.01	< 0.0005	0.01	0.08	< 0.01
01-Feb-89	7.92	496	226	268	14.5					37	0.18		< 0.01	0.0007		< 0.01	
01-Jun-89	7.38	518	223	262	13.9					39.1	0.1		< 0.02	< 0.0005		0.01	
01-Nov-89	8.18	493	222	239	16.7					41.4	0.18		< 0.02	0.0005		0.07	
01-Jul-90	7.48	472	218	236	16.8					38.1	0.19		< 0.02	< 0.0005		0.01	
01-Nov-90	8.05	484	214	255	16.3					37.9	0.19		< 0.02	< 0.0005		0.03	
21-Jun-91	8.02	477	213	234	17.1					39.6	0.17		< 0.02	< 0.0005		0.05	
11-Oct-91	7.8	476	215	244	16.2					43	0.17		< 0.02	< 0.0005		0.02	
11-Jun-92	7.49	503	217	277	15.5	11.1	56.3	28.9	1	41.5	< 0.18		< 0.02	< 0.0005	0.02	0.04	< 0.01
10-Nov-92	7.82	506	212	270	16.2	11.3	60.6	28.7	2	< 41.3	0.17		< 0.02	< 0.0005	0.03	0.04	< 0.01
10-Jun-93	7.63	504	213	246	17.9	10.8	52.6	27.6	2	42.1	0.17		< 0.02	< 0.0005	0.04	0.1	< 0.01
05-Nov-93	7.87	466	214	235	16.1	11.8	51.1	25.9	< 1	40	0.17		< 0.1	< 0.0005	0.04	0.16	< 0.01
05-Nov-93	7.66	430	224	234	19.06	10.7	52.5	24.94	1.45	36.39	< 2		< 0.5		0.35	0.39	0.02
29-Jun-94	8.3	445	215	167	17.4	12.3	58.1	29.6	1.4	43.7	< 0.01		< 0.5	< 0.0005	0.32	0.22	< 0.01
27-Oct-94	7.9	469	213	260	18.8	14.8	54.3	30.2	1.66	45.1	0.24		< 0.5	< 0.0005	0.24	0.11	0.03
15-Jun-95	8.2	444	212	269	16.8	13.1	58.4	30.02	1.52	42.7	0.17		0.5	0.0005	0.46	< 0.01	< 0.01
15-Nov-95	8.39	462	211	284	18	12.1	62.2	31.3	1.45	44.7	0.201	< 0.1	< 0.1	< 0.0005	0.1	0.02	< 0.01
19-Jun-96	7.9	456	224	273	17.6	12.9	59.6	30.2	1.57	44.8	0.178	< 0.06	0.1	< 0.0005	0.09	< 0.01	< 0.01
14-Nov-96	8.32	532	200	280	17.9	12.2	61.3	30.8	1.5	45.5	0.17	< 0.06	0.07	< 0.0005	0.06	< 0.01	< 0.01
18-Jun-97	8.18	517	219	251	16.5	10.9	54.5	28	1.12	49.3	0.185	< 0.014	< 0.014	< 0.0007	0.06	0.046	0.014
19-Nov-97	7.83	530	214	315	17	10.6	71.7	33	1.17	47.9	0.116	< 0.014	0.038	< 0.0007	0.04	0.056	0.006
24-Jun-98	7.82	528	219	235	16.1	11.4	50.9	26.3	1.39	46.6	0.237	< 0.014	< 0.014	< 0.0007	0.06	0.076	0.008
19-Nov-98	7.7	550	230	270	16	11	59	29	< 1	45	0.31	< 0.1	< 0.1	< 0.0002	< 0.05	< 0.05	< 0.01

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h - Health related objectives

PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P6

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
18-Aug-99	7.92	547	217	265	19.9	11.8	56.7	30.1	< 1	50.4	0.17	< 0.2	< 0.2	< 0.001	0.03	0.08	0.008
14-Dec-99	7.91	538	215	256	15.7	11.9	54.1	29.3	< 1	42.5	0.14	< 0.2	< 0.2	< 0.001	0.04	0.13	0.007
19-Jul-00	8.03	494	216	273	16.6	12	58.4	30.9	1	52.9	0.19	< 0.2	< 0.2	< 0.001	0.03	0.12	0.009
08-Jan-01	7.88	511	235	273	17.7	11.7	58.8	30.6	1	49.6	0.18	< 0.2	< 0.2	< 0.001	0.03	0.06	0.007
10-Jul-01	7.75	351	214	200	3.8	13.5	35.2	27.3	2	28.5	< 0.03	< 0.2	< 0.2	< 0.001	0.05	0.05	0.005
06-Nov-01	7.92	530	238	282	17.2	10.5	50.5	26.9	1.2	47.2	0.16	< 0.2	< 0.2	< 0.001	0.03	0.03	0.006
12-Jun-02	7.74	535	219	279	17.8	11.2	59.8	31.4	2	45.5	0.15	< 0.2	< 0.2	< 0.001	0.03	0.08	0.007
04-Nov-02	7.98	505	219	255	16.1	11.8	54.3	29	1.3	45.6	0.12	< 0.2	< 0.2	< 0.001	0.04	0.12	0.007
18-Jun-03	7.87	543	220	257	17	12	54.3	29.4	1	51	0.11	< 0.01	< 0.05	< 0.001	0.02	0.13	0.006
23-Oct-03	7.72	560	221	280	19.5	11.9	61.1	30.9	2	54.4		< 0.2	< 0.2	< 0.001	0.03	0.27	0.025
28-Oct-04	8.03	541	216	272	16.3	12.5	58.5	30.5	2	49.3	0.1	< 0.2	< 0.2	< 0.001	0.03	0.2	0.023
17-Nov-05	8.18	499	226	260	18	11.9	56.5	29.3	1	34	0.15	< 0.01	< 0.1	< 0.001	0.03	0.09	< 0.01
27-Jun-06	8.2	537	239	260	18	12	56	30	1.3	48	0.2	< 0.01	< 0.1	< 0.001	0.03	< 0.05	0.005
22-Jun-07	8.3	551	231	290	18	14	61	33	1.5	47	0.25	< 0.01	< 0.1	< 0.001	0.18	< 0.05	0.303
02-Nov-07	8.2	553	224	270	17	12	6	29	1.4	47	0.19	< 0.01	< 0.1	< 0.001	0.31	< 0.1	0.5

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PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P7

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
01-Feb-84	7.9	453	218	228	2.2					19			< 0.1	< 0.0002			
01-Oct-84	7.87	438	220	215	4.6					18	0.3		< 0.05	< 0.0008			
01-Sep-85	7.65	423	221	219	3.8					17	< 0.05		< 0.3	< 0.001			
01-Jan-86	7.77	437	221	225	3.8					18.5	< 0.2		< 0.05	< 0.0004			
01-Nov-86	7.7	460	221	223	5					15	0.31		0.06	0.0001			
29-Jul-87	8.2	451	227		7	12	39	33	0.9	19	0.06	< 0.01	< 0.01	< 0.001	0.04	0.16	< 0.01
01-Feb-89	7.97	465	234	240	9.49					20.2	0.35		< 0.01	0.0005		< 0.01	
01-Jun-89	7.45	476	236	238	9.17					31.8	0.25		0.08	< 0.0005		0.12	
01-Nov-89	8.29	456	231	219	10.6					22.9	0.33		< 0.02	0.0005		0.21	
01-Jul-90	7.64	434	227	227	9.48					19.1	0.32		< 0.02	< 0.0005		0.18	
01-Nov-90	8.14	440	223	237	8.4					18.6	0.32		< 0.02	< 0.0005		0.09	
21-Jun-91	7.99	435	220	217	10.8					20.5	0.31		< 0.02	< 0.0005		0.04	
11-Oct-91	8.02	432	223	221	9.75					20.5	0.34		< 0.02	< 0.0005		0.05	
11-Jun-92	7.77	452	223	249	8.21	11.3	41.2	32.5	< 1	19.3	< 0.14		< 0.02	< 0.0005	0.03	0.16	0.01
10-Nov-92	7.77	476	222	248	13.2	12	43.2	33.8	1	< 21.3	0.32		< 0.02	< 0.0005	0.03	0.38	< 0.01
10-Jun-93	7.74	470	228	234	11.5	10.5	41.1	31.8	1	20	0.28		< 0.02	< 0.0005	0.03	0.38	< 0.01
05-Nov-93	7.8	405	238	196	37.51	14.1	35.5	26.13	0.92	17.54	< 2		< 0.5		0.14	0.55	0.01
05-Nov-93	7.92	445	226	245	13.6	13.1	44.6	32.3	< 1	20.5	0.33		< 0.1	< 0.0005	0.04	0.47	< 0.01
29-Jun-94	8.2	435	228	259	18.3	13.3	43	37	1.15	23.1	< 0.01		0.8	< 0.0005	0.36	0.13	< 0.01
27-Oct-94	8	443	225	237	17	15.7	36.3	35.6	1.31	21.5	0.4		< 0.5	< 0.0005	0.25	0.23	< 0.01
15-Jun-95	8.2	403	216	254	15.2	13.5	43.0	35.64	1.09	20.7	0.33		< 0.5	< 0.0005	0.48	0.24	< 0.01
15-Nov-95	8.18	432	218	259	14.2	12	45.1	35.7	0.92	20.3	0.356	< 0.1	< 0.1	0.003	0.11	0.53	< 0.01
19-Jun-96	7.88	423	236	259	20.1	12.3	46.2	35.1	1.14	20.2	0.331	< 0.06	< 0.05	< 0.0005	0.10	< 0.01	< 0.01
14-Nov-96	8.41	487	232	265	11.8	10.5	49.6	34.5	1.2	22.1	0.3	< 0.06	0.07	< 0.0005	0.07	0.15	< 0.01
18-Jun-97	7.95	471	236	241	13.2	9.93	43.9	31.9	0.96	21.2	0.292	< 0.014	< 0.014	< 0.0007	0.06	0.358	0.005
19-Nov-97	7.86	518	232	306	18.3	9.58	59.8	38.1	0.96	22.2	0.284	< 0.014	< 0.014	< 0.0007	0.04	0.586	0.006
24-Jun-98	7.72	519	240	249	17.7	10.6	46.1	32.4	1.04	21.1	0.308	< 0.014	< 0.014	< 0.0007	0.05	0.348	0.005
19-Nov-98	7.8	540	250	260	18	11	48	35	< 1	21	0.42	< 0.1	< 0.1	< 0.0002	< 0.05	0.51	< 0.01

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h - Health related objectives

PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P7

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
18-Aug-99	7.9	583	246	289	36.9	12.4	50.5	39.6	1.4	24.8	0.31	< 0.2	< 0.2	< 0.001	0.03	0.43	0.006
14-Dec-99	7.92	585	244	282	28.4	12.8	48.8	39	< 1	21.6	0.34	< 0.2	< 0.2	< 0.001	0.04	0.69	0.007
19-Jul-00	8.01	496	249	281	25.3	12.7	48.6	38.7	1	22.4	0.32	< 0.2	< 0.2	< 0.001	0.04	0.71	0.006
06-Dec-00	7.92	424	258	278	28	12.6	48.9	37.9	< 1	21.4	0.36	< 0.2	< 0.2	< 0.001	0.04	0.36	< 0.005
10-Jul-01	7.82	553	263	306	29.8	14.6	54.6	41.2	< 1	30.2	0.28	< 0.2	< 0.2	< 0.001	0.03	0.39	0.006
06-Nov-01	7.87	565	248	304	33.2	12.4	45.2	35.9	0.9	23.1	0.33	< 0.2	< 0.2	< 0.001	0.04	0.48	< 0.005
12-Jun-02	7.87	599	255	310	35.8	13	55.1	41.7	< 1	22.4	0.3	< 0.2	< 0.2	< 0.001	0.03	0.47	< 0.005
04-Nov-02	7.86	558	247	282	34.1	13.1	50.6	37.7	2	22.8	0.32	< 0.2	< 0.2	< 0.001	0.03	0.49	0.005
18-Jun-03	7.95	596	247	281	36	14.2	48.8	38.5	1	24	0.29	< 0.01	< 0.05	< 0.001	0.03	0.18	0.006
23-Oct-03	7.88	620	249	304	43.5	15.1	53.7	41.2	1	22.2		< 0.2	< 0.2	< 0.001	0.03	0.27	0.005
29-Jun-04	7.94	640	263	328	55.9	17.3	56.4	45.3	2	28.1	0.36	< 0.2	< 0.2	< 0.001	0.04	0.66	0.092
28-Oct-04	7.97	639	259	333	47.8	17.1	62.2	43.1	1	23.7	0.35	< 0.2	< 0.2	< 0.001	0.03	0.5	0.01
12-Jul-05	8.25	642	255	304	49	17.5	53.7	42.9	< 1	16	0.33	< 0.3	< 0.2	< 0.001	0.03	0.09	< 0.01
17-Nov-05	8.16	617	264	330	52	19.3	58.4	45.4	1	42	0.3	< 0.01	< 0.1	< 0.001	0.04	0.06	< 0.01
27-Jun-06	8.2	697	280	330	66	22	58	45	1.1	25	0.43	< 0.01	< 0.1	< 0.001	0.04	0.37	0.005
20-Nov-06	8.3	707	280	350	62	23	61	49	1.3	25	0.41	< 0.01	< 0.1	< 0.001	0.04	0.55	0.006
22-Jun-07	8.3	682	261	330	59	21	58	44	1.2	26	0.47	< 0.01	< 0.1	< 0.001	0.24	0.45	0.202
02-Nov-07	8.3	652	253	330	48	19	59	43	1.2	25	0.34	< 0.01	< 0.1	< 0.001	0.34	0.48	0.5

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PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P8

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
01-Apr-84	7.9	500	244	255	6					20	< 0.1		< 0.1				
29-Jul-87	8.2	504	244		9	8	55	32	0.7	23	0.06	< 0.01	< 0.01	< 0.001	0.02	0.1	< 0.01
10-Dec-87	8.2	492	246		9	9	58	34	< 0.5	23	0.06	< 0.01	0.13	< 0.001	0.03	0.04	< 0.01
01-Aug-88	8.46	503	248		8.83	8.4	55.6	34.4	1.1	26	1.39	< 0.01	0.12	< 0.0005	< 0.004	0.27	< 0.01
01-Feb-89	7.95	490	242	270	8.02					22.8	0.05		0.05	< 0.0005		0.07	
01-Jun-89	7.42	505	247	269	7.23					34.9	< 0.02		0.15	< 0.0005		0.27	
01-Nov-89	8.29	486	251	242	8.97					26.5	0.03		0.18	0.0005		0.17	
01-Jul-90	7.97	46	242	227	9.98					22.8	0.11		0.07	< 0.0005		0.2	
01-Nov-90	8.26	482	239	267	9.73					23	0.1		0.05	< 0.0005		0.08	
21-Jun-91	8.12	468	240	249	10.9					24	0.04		0.16	< 0.0005		0.04	
11-Oct-91	7.92	467	242	252	9.91					24.3	0.04		0.15	< 0.0005		0.04	
11-Jun-92	7.78	499	244	290	10.5	8.2	55.6	32.6	< 1	24.6	< 0.02		0.16	< 0.0005	0.01	0.31	< 0.01
10-Nov-92	7.87	472	241	281	11.5	8.4	59.2	32.2	1	< 25.1	0.03		< 0.16	< 0.0005	0.02	0.11	< 0.01
10-Jun-93	7.79	498	243	259	12.1	7.7	52.5	30.9	1	24.2	0.11		0.06	< 0.0005	0.02	0.22	< 0.01
05-Nov-93	7.84	407	249	242	17.25	7.8	51.3	27.78	1.06	21.29	< 2		< 0.5		0.26	0.28	0.01
05-Nov-93	8	450	239	245	8.2	8.6	50.4	28.8	< 1	22.8	0.07		0.1	< 0.0005	0.02	0.13	< 0.01
29-Jun-94	8.3	456	245	294	11.4	9	60.6	34.8	1.15	23.8	< 0.01		0.6	< 0.0005	0.32	0.34	< 0.01
27-Oct-94	8.1	475	233	236	10	10.2	44	30.7	1.12	23.7	< 0.01		1.1	< 0.0005	0.17	1.31	0.01
15-Jun-95	8.3	415	232	303	11.3	9.48	62.5	35.59	1.15	22.9	0.05		1.1	< 0.0005	0.44	0.12	0.01
15-Nov-95	8.44	457	244	290	13.2	8.62	59.5	34.5	0.858	24	0.068	< 0.1	< 0.1	< 0.0005	0.09	0.08	< 0.01
19-Jun-96	8.1	461	245	292	15.2	9.4	60.3	34.5	0.953	24.8	0.173	< 0.06	< 0.05	< 0.0005	0.09	< 0.01	0.01
14-Nov-96	7.97	516	240	286	14.5	8.31	59.6	33.3	1.4	24.8	0.18	< 0.06	0.07	< 0.0005	0.05	0.59	0.02
18-Jun-97	8	495	248	270	11.7	7.73	56.5	31.4	0.78	24.2	0.134	< 0.014	< 0.014	< 0.0007	0.04	0.595	0.007
19-Nov-97	8.13	535	242	331	15.5	7.35	75.1	34.9	0.8	25.3	0.118	< 0.014	< 0.014	< 0.0007	0.02	0.412	0.009
24-Jun-98	7.74	536	248	256	16.3	8.03	54.3	29.3	0.86	24.5	0.159	< 0.014	< 0.014	< 0.0007	0.04	0.619	0.008
19-Nov-98	7.8	540	260	280	14	8.1	59	32	< 1	24	0.3	< 0.1	< 0.1	< 0.0002	< 0.05	0.45	< 0.01
18-Aug-99	7.96	592	246	289	23.7	8.9	59.5	34	< 1	26.5	0.16	< 0.2	< 0.2	< 0.001	0.02	0.49	0.009
14-Dec-99	7.95	548	248	276	15.8	8.6	56.5	32.7	< 1	23.7	0.16	< 0.2	< 0.2	< 0.001	0.02	0.19	0.008

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PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P8

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
19-Jul-00	8.15	505	258	297	22.4	9.4	60.4	35.4	< 1	25.6	0.17	< 0.2	< 0.2	< 0.001	0.01	0.02	0.014
06-Dec-00	7.91	411	260	275	18.3	8.3	56.7	32.5	< 1	23.3	0.17	< 0.2	< 0.2	< 0.001	0.03	0.7	0.011
08-Aug-01	8.04	506	251	285	18.5	8	58	34	< 1	23.4	0.13	< 0.2	< 0.2	< 0.001	0.02	0.16	0.008
06-Nov-01	7.96	556	279	313	25.1	9.2	59.4	36.7	1	25.7	0.18	< 0.2	< 0.2	< 0.001	0.02	0.4	0.008
12-Jun-02	7.81	569	254	307	28.1	9.1	63.6	36.1	< 1	22.9	0.16	< 0.2	< 0.2	< 0.001	0.01	0.3	0.008
04-Nov-02	7.88	551	252	292	31.2	9.4	60.7	34.1	2	26.2	0.15	< 0.2	< 0.2	< 0.001	0.02	0.38	0.009
18-Jun-03	7.95	603	249	295	34	10	61	34.7	< 1	26	0.16	< 0.01	< 0.05	< 0.001	< 0.01	0.41	0.011
23-Oct-03	8	561	249	286	26.5	8.8	58.9	33.6	< 1	23.6		< 0.2	< 0.2	< 0.001	0.01	0.34	0.007
29-Jun-04	7.89	567	252	306	33.1	10	65.6	34.4	< 1	27.9	0.14	< 0.2	< 0.2	< 0.001	0.02	0.47	0.013
28-Oct-04	8.06	577	247	292	27	9.7	60.3	34.2	1	26.6	0.14	< 0.2	< 0.2	< 0.001	0.01	0.58	0.008
12-Jul-05	8.26	573	251	287	26	10.2	60.2	35.9	< 1	17	0.15	< 0.3	< 0.2	< 0.001	< 0.02	0.59	< 0.01
17-Nov-05	8.19	553	256	300	37	11.2	61.4	35.3	< 1	24	0.13	< 0.01	< 0.1	< 0.001	< 0.02	1.1	0.02
27-Jun-06	8.2	620	269	310	40	11	64	35	0.99	26	0.18	< 0.01	< 0.1	< 0.001	0.02	0.66	0.008
20-Nov-06	8.2	673	271	320	48	13	68	37	0.98	26	0.24	< 0.01	< 0.1	< 0.001	0.02	0.86	0.01
22-Jun-07	8.1	625	257	330	44	13	69	39	1.1	26	0.26	0.02	< 0.1	< 0.001	0.09	0.52	0.066
02-Nov-07	8.2	612	252	320	36	11	68	36	1	27	0.15	< 0.01	< 0.1	< 0.001	0.19	0.58	0.14

Note: ODWS - Indicates Ontario Drinking Water Standard a - Non health related objectives (Aesthetic or Operational)
h - Health related objectives

PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P10

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
29-Jul-87	8.2	390	203		4	29	39	20	1.5	9	0.08	< 0.01	< 0.01	< 0.001	0.06	< 0.01	< 0.01
10-Dec-87	8.2	390	203		4	21	40	22	0.5	10	0.25	< 0.01	< 0.01	< 0.001	0.06	< 0.01	< 0.01
01-Aug-88	8.42	402	206		3.84	20	41.9	21.7	1.4	10.1	1.87	< 0.01	< 0.01	< 0.0005	0.04	0.16	< 0.01
01-Feb-89	7.95	402	208	184	4.42					11.2	0.24		< 0.01	0.0005		0.03	
01-Jun-89	7.59	413	211	189	4.25					17	0.16		< 0.02	< 0.0005		0.15	
01-Nov-89	8.28	395	208	174	4.46					13.2	0.23		0.03	0.0005		0.17	
15-Nov-90	8.07	509	233	253	12.7					36.7	0.31		< 0.02	< 0.0005		0.24	
21-Jun-91	7.82	571	259	272	20					52.8	0.36		< 0.02	< 0.0005		0.07	
11-Oct-91	7.8	569	255	279	19					55.9	0.38		< 0.02	< 0.0005		0.02	
11-Jun-92	7.62	422	207	212	5.75	18.4	43.8	21.7	< 1	17.6	< 0.17		0.04	< 0.0005	0.06	0.09	< 0.01
10-Nov-92	7.5	482	215	238	10.3	18.1	54.1	24.8	2	< 31.4	0.2		< 0.07	< 0.0005	0.09	0.11	< 0.01
10-Jun-93	7.53	487	223	224	12	18	49.7	24.1	2	29.8	0.25		< 0.02	< 0.0005	0.1	0.15	< 0.01
05-Nov-93	7.92	393	203	187	5.5	19	41.6	20	< 1	20.7	0.17		< 0.1	< 0.0005	0.07	0.17	< 0.01
05-Nov-93	7.7	359	211	175	15.81	15.4	40.5	18.03	1.2	18.26	< 2		< 0.5		0.31	0.32	0.01
29-Jun-94	8.3	423	215	225	10.9	19.5	50.4	24.1	1.77	23.8	0.26		0.8	< 0.0005	0.4	0.33	< 0.01
27-Oct-94	7.9	363	200	198	5.9	22.1	43.1	22.1	1.82	18.5	0.15		< 0.5	< 0.0005	0.27	0.15	< 0.01
27-Oct-94	7.64	424	202	186	4.5	16.6	41.4	20	< 1	16.1	0.1		< 0.1	< 0.0005	0.05	0.1	< 0.01
15-Jun-95	8.2	341	199	206	6.4	19.7	45.7	22.17	1.65	14.6	0.1		< 0.5	< 0.0005	0.55	< 0.01	< 0.01
15-Nov-95	8.44	408	214	229	8.6	18.4	51.3	24.6	1.48	26.9	0.175	< 0.1	< 0.1	< 0.0005	0.14	0.09	< 0.01
19-Jun-96	7.92	357	208	196	4.7	19.3	43.3	21.3	1.54	12.7	0.204	< 0.06	< 0.05	< 0.0005	0.09	< 0.01	< 0.01
14-Nov-96	8.27	381	192	197	4.1	17.7	44.2	21.2	1.5	12.1	0.16	< 0.06	0.07	< 0.0005	0.08	0.17	< 0.01
18-Jun-97	7.97	395	209	190	2.97	16.3	42.6	20.4	1.28	12	0.16	< 0.014	< 0.014	< 0.0007	0.09	0.18	0.004
19-Nov-97	7.75	407	206	216	3.28	14.5	53	20.2	1.15	13.2	0.07	< 0.014	< 0.014	< 0.0007	0.05	0.172	0.003
24-Jun-98	7.48	514	231	237	9.4	17.4	54.7	24.5	1.57	37.9	0.234	< 0.014	< 0.014	< 0.0007	0.14	0.166	0.005
19-Nov-98	7.8	420	220	190	2.9	16	43	20	< 1	12	0.25	< 0.1	< 0.1	< 0.0002	< 0.05	0.15	< 0.01
18-Aug-99	7.83	414	208	188	3.8	16.6	41.4	20.5	1.3	13	0.11	< 0.2	< 0.2	< 0.001	0.05	0.13	< 0.005
14-Dec-99	7.85	418	206	187	2.8	16.4	41	20.6	< 1	9.4	0.11	< 0.2	< 0.2	< 0.001	0.05	0.23	< 0.005
19-Jul-00	7.93	376	213	194	2.9	17.4	42.7	21.3	1	12.8	0.12	< 0.2	< 0.2	< 0.001	0.06	0.39	< 0.005

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PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P10

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
06-Dec-00	7.82	333	222	187	2.9	16.2	41.5	20.1	1	10.7	0.12	< 0.2	< 0.2	< 0.001	0.06	0.09	< 0.005
10-Jul-01	7.8	370	229	201	4.7	17.1	44.9	21.7	2	23	0.13	< 0.2	< 0.2	< 0.001	0.06	0.38	< 0.005
06-Nov-01	7.84	396	217	199	2.3	16.7	40.7	21.4	1.4	10.7	0.08	< 0.2	< 0.2	< 0.001	0.05	0.13	< 0.005
12-Jun-02	7.78	381	205	200	3.1	15.8	44.7	21.6	1	11.1	0.13	< 0.2	< 0.2	< 0.001	0.05	0.2	< 0.005
04-Nov-02	7.85	381	211	189	2.9	16.3	42	20.5	2	10.8	0.07	< 0.2	< 0.2	< 0.001	0.05	0.33	< 0.005
18-Jun-03	8.03	415	210	189	3	16.6	42.4	20	1	13	0.08	< 0.01	< 0.05	< 0.001	0.04	0.31	< 0.005
23-Oct-03	8.05	380	206	191	3.1	16.6	42.5	20.5	1	12.8		< 0.2	< 0.2	< 0.001	0.05	0.06	0.006
29-Jun-04	7.77	380	203	187	3.4	17	40.6	20.7	3	9.9	0.08	< 0.2	< 0.2	< 0.001	0.05	0.85	0.032
28-Oct-04	7.87	392	198	190	2.2	16.3	43.4	19.8	2	8.8	0.13	< 0.2	< 0.2	< 0.001	0.04	0.84	0.026
12-Jul-05	8.27	411	216	196	3	17.6	41.2	21.7	< 1	< 1	0.29	< 0.3	< 0.2	< 0.001	0.06	3.09	0.01
17-Nov-05	8.13	354	202	180	3	16.1	37.1	20.4	1	4	0.19	0.24	< 0.1	< 0.001	0.05	1.02	0.02
27-Jun-06	8.2	446	234	210	6	17	45	23	1.4	15	0.26	< 0.01	< 0.1	0.001	0.07	1.5	0.015
20-Nov-06	8.3	404	221	190	2	17	40	21	1.4	8	0.24	< 0.01	< 0.1	< 0.001	0.05	1.6	0.013
22-Jun-07	8.1	501	240	250	10	11	56	27	1.6	26	0.42	< 0.01	< 0.1	< 0.001	0.1	1.2	0.455
02-Nov-07	8.3	400	210	190	2	17	42	21	1.4	9	0.14	< 0.01	< 0.1	< 0.001	0.49	1.8	0.14

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PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

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	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
01-Jul-90	8.19	407	209	148	7.41					24.8	0.25		< 0.02	< 0.0005		0.06	
01-Nov-90	8.07	509	198	153	16					21.9	0.27		< 0.02	< 0.0005		0.08	
21-Jun-91	8.01	400	196	185	7.21					26.1	0.29		< 0.02	< 0.0005		0.11	
11-Oct-91	7.95	399	198	187	6.65					26	0.3		< 0.02	< 0.0005		0.15	
11-Jun-92	7.72	422	199	209	6.25	15.8	38.8	24.3	< 1	25.6	< 0.29		< 0.02	< 0.0005	0.05	0.3	0.01
10-Nov-92	7.74	419	194	201	6.61	16	41	23.9	1	< 25.3	0.29		< 0.02	< 0.0005	0.04	0.33	0.02
10-Jun-93	7.77	415	197	189	6.52	15.2	36.8	23.4	1	22.4	0.3		< 0.02	< 0.0005	0.05	0.28	0.02
05-Nov-93	8.05	459	217	219	10	15.4	46.7	24.8	4	33.8	0.18		0.9	< 0.0005	0.04	0.22	0.02
05-Nov-93	7.94	422	229	227	82	14.1	50.4	24.66	3.23	33.81	< 2		415.8		0.34	0.58	0.04
29-Jun-94	8.4	390	200	212	8.7	17.2	42.9	25.6	1.8	27.4	< 0.01		1.6	< 0.0005	0.36	0.23	< 0.01
27-Oct-94	8	394	203	181	8.8	19.5	34.2	23.4	1.76	28	< 0.1		0.9	< 0.0005	0.24	0.14	0.03
15-Jun-95	8.2	344	196	207	7.5	17.5	41.4	25.16	1.85	24.7	0.27		1.1	< 0.0005	0.47	< 0.01	0.01
15-Nov-95	8.21	380	195	200	7.2	18	40.2	24.3	1.45	23.2	0.3	< 0.1	< 0.1	< 0.0005	0.1	0.16	0.01
19-Jun-96	7.91	353	208	203	8.2	18	40.9	24.6	1.78	24.9	0.292	< 0.06	0.1	< 0.0005	0.1	< 0.01	0.01
14-Nov-96	8.12	402	200	195	7.8	18.2	39.5	23.4	1.6	22.8	0.3	< 0.06	0.07	< 0.0005	0.08	0.54	0.02
18-Jun-97	8.15	414	199	186	5.81	16.8	37.6	22.4	1.27	23	0.254	< 0.014	< 0.014	< 0.0007	0.07	0.531	0.017
19-Nov-97	7.91	440	200	195	7.03	14.9	39.7	23.3	1.18	27.4	0.239	< 0.014	< 0.014	< 0.0007	0.05	0.543	0.016
24-Jun-98	7.72	447	204	174	7.93	14.7	34.9	21.2	1.23	29	0.322	< 0.014	< 0.014	< 0.0007	0.12	0.428	0.014
19-Nov-98	7.8	460	210	210	7.6	15	42	25	< 1	27	0.37	< 0.1	< 0.1	< 0.0002	< 0.05	0.51	0.02
18-Aug-99	8	476	206	213	12.3	15	42.8	25.8	< 1	35	0.24	< 0.2	< 0.2	< 0.001	0.04	0.31	0.015
14-Dec-99	8	478	201	207	10	15.8	41.5	25.2	1	30.8	0.27	< 0.2	< 0.2	< 0.001	0.05	0.66	0.016
19-Jul-00	8.1	428	205	214	9.7	15.6	43.2	25.9	1	34.4	0.25	< 0.2	< 0.2	< 0.001	0.05	0.66	0.016
06-Dec-00	7.97	379	216	213	10.4	14.9	43.4	25.5	1	30.5	0.27	< 0.2	0.2	< 0.001	0.05	0.21	0.013
10-Jul-01	7.87	387	216	207	9.8	16.2	41.8	24.9	2	37.8	0.21	< 0.2	< 0.2	< 0.001	0.04	0.42	0.015
06-Nov-01	8	442	216	215	9.5	16.4	44.1	26	1.3	29.5	0.23	< 0.2	< 0.2	< 0.001	0.05	0.57	0.015
12-Jun-02	7.87	449	200	217	8.8	14.4	43.9	26.1	< 1	26.7	0.24	< 0.2	< 0.2	< 0.001	0.03	0.46	0.013

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h - Health related objectives

PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

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	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
18-Jun-97	8.02	464	238	251	6.55	10.1	48.6	31.6	0.85	22.3	0.161	< 0.014	0.12	< 0.0007	0.05	0.167	0.011
19-Nov-97	7.99	490	233	243	8.05	9.47	47.2	30.3	0.86	23.1	0.199	< 0.014	0.041	< 0.0007	0.03	0.216	0.009
24-Jun-98	7.68	490	238	228	8.74	9.93	44.3	28.4	0.91	22.6	0.118	< 0.014	0.151	< 0.0007	0.04	0.154	0.006
19-Nov-98	7.7	530	250	250	10	10	49	32	< 1	23	0.33	< 0.1	< 0.1	< 0.0002	< 0.05	0.16	0.01
18-Aug-99	8.25	514	244	260	16.3	10.5	50.7	32.4	1.1	25.2	0.32	< 0.2	< 0.2	< 0.001	0.03	0.14	0.012
14-Dec-99	7.97	525	245	258	10.9	10.5	50.4	32.1	< 1	20.4	0.24	< 0.2	< 0.2	< 0.001	0.02	0.08	0.009
19-Jul-00	8.08	465	244	264	13	10.4	51.9	32.7	< 1	24.5	0.24	< 0.2	< 0.2	< 0.001	0.03	0.15	0.01
06-Dec-00	7.97	403	261	267	16.4	10.7	52.9	32.8	< 1	22.5	0.28	< 0.2	< 0.2	< 0.001	0.03	0.2	0.01
10-Jul-01	7.83	512	253	270	17.2	11.1	53.6	33	< 1	32.5	0.13	0.3	< 0.2	< 0.001	0.03	0.11	0.009
06-Nov-01	7.96	516	260	287	16.9	11.4	52.4	35.7	0.9	23.4	0.21	< 0.2	< 0.2	< 0.001	0.03	0.23	0.011
12-Jun-02	7.85	527	246	276	17	10.5	53.8	34.5	< 1	21.3	0.2	< 0.2	< 0.2	< 0.001	0.02	0.16	0.01
04-Nov-02	7.95	539	251	233	24.8	37.4	48	27.4	< 1	25.2	0.15	0.2	< 0.2	< 0.001	0.02	0.08	0.012
18-Jun-03	7.99	542	247	266	20	11.6	52.9	32.3	< 1	24	0.21	< 0.01	< 0.05	< 0.001	0.02	0.07	0.01
04-Dec-04	8.22	518	249	293	24.1	13.2	58.1	35.8	< 1	22.5	0.2	< 0.2	< 0.2	< 0.001	0.02	0.03	0.009
17-Nov-05	8.21	528	253	280	29	13.2	55.7	34.1	< 1	23	0.14	0.07	< 0.1	< 0.001	0.02	0.11	< 0.01
27-Jun-06	8.2	578	264	280	29	13	56	34	0.92	25	0.22	0.08	< 0.1	< 0.001	0.02	0.09	0.009
20-Nov-06	8.3	585	270	300	27	14	58	37	1	25	0.24	< 0.01	< 0.1	< 0.001	0.03	0.14	0.01
22-Jun-07	8.3	568	250	280	29	14	54	35	0.97	26	0.3	< 0.01	< 0.1	< 0.001	0.17	0.539	0.055

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h - Health related objectives

PRIVATE WATER WELL QUALITY - GENERAL ANALYSIS - EASTVIEW ROAD LANDFILL

P13

	General Parameters				Major Ions						Other Constituents						
Date	pH	Cond-uctivity	Alk. as mg/L CaCO3	Hard.	Cl mg/L	Na mg/L	Ca mg/L	Mg mg/L	K mg/L	SO4 mg/L	NH3-N mg/L	NO2-N mg/L	NO3-N mg/L	Phenol mg/L	B mg/L	Fe mg/L	Mn mg/L
ODWS	6.5-8.5(a		30-500	80-100	250 a	200 a				500 a		1.0 h	10.0 h		5.0 h	0.30 a	0.05 a
12-Jul-05	8.15	766	290	355	62	30.7	83.4	35	< 1	20	< 0.05	< 0.3	1.6	< 0.001	< 0.02	0.1	0.01
17-Nov-05	8.09	865	338	400	85	42.8	101	36.5	< 1	49	< 0.05	< 0.01	3.7	< 0.001	0.03	0.03	< 0.01
27-Jun-06	8.2	749	303	350	59	28	84	33	1	29	< 0.05	< 0.01	1.6	< 0.001	0.02	< 0.05	0.012
20-Nov-06	8.2	1030	371	450	105	53	110	42	1.2	35	< 0.05	< 0.01	3.7	< 0.001	0.04	< 0.05	0.005
22-Jun-07	8.1	880	330	390	71	22	99	34	1	30	0.1	< 0.01	4.4	< 0.001	0.19	< 0.05	0.152
02-Nov-07	8.2	913	322	400	77	38	1	37	1	32	< 0.05	< 0.01	2.9	< 0.001	0.25	< 0.1	0.5

Note: ODWS - Indicates Ontario Drinking Water Standard a - Non health related objectives (Aesthetic or Operational)
h - Health related objectives

PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P5

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
01-Feb-84														
01-Oct-84														
01-Sep-85														
01-Jan-86														
01-Nov-86														
29-Jul-87	< 0.005	< 0.01	0.16	< 0.0005	< 0.01	< 0.05	< 0.01		< 0.2	< 0.05	< 0.05	0.014	0.02	0.46
10-Dec-87	0.006	< 0.01	0.15	0.001	< 0.01	< 0.05	0.02		0.3	0.07	< 0.05	< 0.005	0.08	0.25
01-Aug-88	< 0.005	< 0.01	0.143	< 0.0005	< 0.01	< 0.05	< 0.01		< 0.2	< 0.05		0.007	0.05	0.35
09-Feb-89														
01-Jun-89														
01-Nov-89														
01-Jul-90														
01-Nov-90														
21-Jun-91														
11-Oct-91														
10-Nov-92	< 0.005	0.19	0.079	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	0.06	
10-Jun-93	< 0.005	< 0.05	0.117	< 0.0005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.005	0.03	
05-Nov-93	< 0.009	0.35	0.11	< 0.005	0.01	0.02	0.04	0.01	< 0.01	< 0.01	0.04	0.02	0.02	
05-Nov-93	< 0.005	< 0.05	0.119	< 0.0005	< 0.005	< 0.01	< 0.01	0.09	< 0.05	< 0.05	< 0.05	< 0.005	0.06	
29-Jun-94	< 0.005	< 0.05	0.099	< 0.0005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.005	0.02	
29-Jun-94	< 0.0001	0.09	0.14	< 0.005	< 0.0005	< 0.02	< 0.01	< 0.001	< 0.01	< 0.025	0.001	< 0.05	< 0.01	
27-Oct-94	< 0.005	0.22	0.108	< 0.0005	< 0.005	< 0.01	< 0.01	0.01	< 0.05	< 0.05	0.09	< 0.005	0.04	
27-Oct-94	< 0.0001	0.75	0.18	< 0.005	< 0.0005	< 0.02	< 0.01	0.01	< 0.01	< 0.025	< 0.001	< 0.05	0.06	
15-Jun-95	< 0.005	0.063	0.072	< 0.003	< 0.001	< 0.003	< 0.001	< 0.001	< 0.05	< 0.005	< 0.02	< 0.001	0.085	< 0.05
15-Nov-95	< 0.005	0.04	0.175	< 0.003	< 0.001	< 0.003	< 0.001	< 0.01	< 0.05	< 0.05	0.02	< 0.01	0.02	< 0.5
19-Jun-96	< 0.005	< 0.03	0.086	< 0.003	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.02	< 0.01	< 0.01	0.3
14-Nov-96	< 0.005	< 0.03	0.17	< 0.003	< 0.005	0.02	0.02	< 0.01	< 0.05	< 0.05	0.05	0.02	0.02	0.5
07-Jul-97	< 0.001	< 0.032	0.084	0.0006	< 0.001	< 0.0009	< 0.001	< 0.004	< 0.002	< 0.006	0.009	< 0.001	0.043	0.221

Note: ODWS - Indicates Ontario Drinking Water Standard a - Non health related objectives (Aesthetic or Operational)
h - Health related objectives

PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P5

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
19-Nov-97	< 0.001	< 0.032	0.13	< 0.0004	0.001	< 0.0009	0.003	0.009	< 0.002	< 0.006	0.008	< 0.001	0.058	0.29
24-Jun-98							0.002			< 0.006			0.056	
19-Nov-98							< 0.02			< 0.01			1.6	
18-Aug-99	< 0.003	< 0.03	0.084	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.003	< 0.02	< 0.02	< 0.05	< 0.005	0.688	
18-Aug-99	< 0.003	< 0.03	0.084	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.003	< 0.02	< 0.02	< 0.05	< 0.005	0.683	
14-Dec-99							< 0.005			< 0.02			0.947	
14-Dec-99							< 0.005			< 0.02			0.927	
19-Jul-00	< 0.003	< 0.03	0.131	< 0.0005	< 0.005	< 0.005	< 0.005	0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.34	
10-Jul-01	0.007	< 0.03	0.157	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.295	
10-Oct-01	< 0.005	< 0.03	0.108	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.27	
12-Jun-02	< 0.005	< 0.03	0.1	< 0.0005	< 0.005	< 0.005	< 0.005	0.009	< 0.02	< 0.02	< 0.05	< 0.005	0.314	
04-Nov-02	< 0.005	0.04	0.083	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.401	
18-Jun-03	< 0.005	< 0.05	0.087	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.26	
23-Oct-03							< 0.005			< 0.02			0.352	
29-Jun-04	< 0.005	0.58	0.147	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	1.58	
28-Oct-04	< 0.005	0.13	0.152	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.023	
12-Jul-05							< 0.01			< 0.05			0.26	
17-Nov-05							< 0.01			< 0.05			0.24	
27-Jun-06							< 0.005			< 0.001			0.29	
20-Nov-06							< 0.005			< 0.001			0.11	
22-Jun-07							< 0.005			0.051			0.391	
02-Nov-07							< 0.005			< 0.001			0.33	

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PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P6

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
01-Apr-84														
01-Sep-85														
01-Nov-86														
29-Jul-87	< 0.005	< 0.01	0.1	< 0.0005	< 0.01	< 0.05	< 0.01		< 0.2	< 0.05	< 0.05	0.009	0.34	0.43
10-Dec-87	< 0.005	< 0.01	0.09	0.001	< 0.01	< 0.05	0.02		0.3	< 0.05	< 0.05	0.022	0.53	0.42
01-Aug-88	< 0.005	< 0.01	0.096	< 0.005	< 0.01	< 0.05	< 0.01		< 0.2	< 0.05		< 0.005	0.13	0.47
01-Feb-89														
01-Jun-89														
01-Nov-89														
01-Jul-90														
01-Nov-90														
21-Jun-91														
11-Oct-91														
11-Jun-92	< 0.005	0.08	0.106	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	0.04	
10-Nov-92	< 0.005	1.05	0.106	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	0.08	
10-Jun-93	< 0.005	< 0.05	0.105	< 0.0005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.005	0.06	
05-Nov-93	< 0.005	< 0.05	0.11	< 0.0005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.005	0.1	
05-Nov-93	< 0.009	0.27	0.1	< 0.005	< 0.001	0.02	0.03	< 0.002	< 0.01	< 0.01	< 0.02	0.02	0.05	
29-Jun-94	< 0.0001	0.11	0.14	< 0.005	< 0.0005	< 0.02	< 0.01	< 0.001	< 0.01	< 0.025	< 0.001	< 0.05	< 0.01	
27-Oct-94	< 0.0001	0.62	0.18	< 0.005	< 0.0005	< 0.02	< 0.01	0.16	< 0.01	< 0.025	< 0.001	< 0.05	0.14	
15-Jun-95	< 0.005	0.06	0.12	< 0.003	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.02	< 0.01	0.03	
15-Nov-95	< 0.005	< 0.03	0.12	< 0.003	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.02	< 0.01	0.05	0.7
19-Jun-96	< 0.005	< 0.03	0.114	< 0.003	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.02	< 0.01	< 0.01	0.5
14-Nov-96	< 0.005	< 0.03	0.12	< 0.003	< 0.005	0.01	0.02	< 0.01	< 0.05	< 0.05	< 0.02	0.02	0.09	0.5
18-Jun-97	< 0.001	< 0.032	0.106	< 0.0004	< 0.001	0.003	< 0.001	< 0.004	< 0.002	< 0.006	< 0.006	< 0.001	0.068	0.46
19-Nov-97	< 0.001	< 0.032	0.098	< 0.0004	< 0.001	0.003	0.001	0.008	< 0.002	< 0.006	< 0.006	< 0.001	0.06	0.5
24-Jun-98							0.003			< 0.006			0.044	
19-Nov-98							< 0.02			< 0.01			0.03	

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PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P6

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
18-Aug-99	< 0.003	< 0.03	0.102	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.003	< 0.02	< 0.02	< 0.05	< 0.005	0.127	
14-Dec-99							< 0.005			< 0.02			0.189	
19-Jul-00	< 0.003	< 0.03	0.104	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.003	< 0.02	< 0.02	< 0.05	< 0.005	0.276	
08-Jan-01	< 0.005	< 0.03	0.102	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.042	
10-Jul-01	< 0.005	< 0.03	0.089	< 0.0005	< 0.005	< 0.005	< 0.005	0.606	< 0.02	0.05	< 0.05	< 0.005	0.527	
06-Nov-01	< 0.0001	< 0.005	0.102	< 0.001	< 0.0001	< 0.0001	< 0.005	0.014	< 0.001	< 0.001	< 0.0005	< 0.0005	0.05	
12-Jun-02	< 0.005	< 0.03	0.103	< 0.0005	< 0.005	< 0.005	< 0.005	0.027	< 0.02	< 0.02	< 0.05	< 0.005	0.124	
04-Nov-02	< 0.0001	< 0.005	0.105	< 0.001	< 0.0001	< 0.0001	< 0.005	0.019	< 0.001	0.001	< 0.0005	0.001	0.218	
18-Jun-03	< 0.005	< 0.05	0.101	< 0.0005	< 0.005	< 0.005	< 0.005	0.033	< 0.02	< 0.02	< 0.05	< 0.005	0.291	
23-Oct-03							< 0.005			< 0.02			0.361	
28-Oct-04	< 0.005	0.1	0.1	< 0.0005	< 0.005	< 0.005	< 0.005	0.013	< 0.02	< 0.02	< 0.05	< 0.005	0.118	
17-Nov-05							< 0.01			< 0.05			0.02	
27-Jun-06							< 0.005			< 0.001			0.014	
22-Jun-07							< 0.005			< 0.001			< 0.005	
02-Nov-07							< 0.005			< 0.001			0.8	

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h - Health related objectives

PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P7

	Trace Elements													
Date	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
01-Feb-84														
01-Oct-84														
01-Sep-85														
01-Jan-86														
01-Nov-86														
29-Jul-87	< 0.005	0.02	0.09	< 0.0005	< 0.01	< 0.05	< 0.01		< 0.2	< 0.05	< 0.05	0.009	0.01	0.39
01-Feb-89														
01-Jun-89														
01-Nov-89														
01-Jul-90														
01-Nov-90														
21-Jun-91														
11-Oct-91														
11-Jun-92	< 0.005	0.07	0.082	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	< 0.01	
10-Nov-92	< 0.005	0.44	0.113	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	< 0.01	
10-Jun-93	< 0.005	< 0.05	0.095	< 0.0005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.005	0.02	
05-Nov-93	< 0.009	0.13	0.08	< 0.005	0.02	0.02	0.03	< 0.002	< 0.01	< 0.01	0.04	0.02	< 0.02	
05-Nov-93	< 0.005	< 0.05	0.11	< 0.0005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.005	0.01	
29-Jun-94	< 0.0001	0.14	0.145	< 0.005	< 0.0005	< 0.02	< 0.01	< 0.001	< 0.01	< 0.025	< 0.001	< 0.05	< 0.01	
27-Oct-94	< 0.0001	0.59	0.17	< 0.005	< 0.0005	< 0.02	< 0.01	0.07	< 0.01	< 0.025	0.001	< 0.05	0.01	
15-Jun-95	< 0.005	0.05	0.12	< 0.003	< 0.005	0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.02	< 0.01	< 0.01	
15-Nov-95			0.11	< 0.003	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	0.03	< 0.01	0.01	
19-Jun-96	< 0.005	< 0.03	0.099	< 0.003	< 0.005	0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.02	< 0.01	< 0.01	0.4
14-Nov-96	< 0.005	< 0.03	0.09	< 0.003	< 0.005	< 0.01	0.02	< 0.01	< 0.05	< 0.05	< 0.02	0.02	< 0.01	0.4
18-Jun-97	< 0.001	< 0.032	0.089	< 0.0004	< 0.001	< 0.0009	< 0.001	< 0.004	< 0.002	< 0.006	< 0.006	< 0.001	0.012	0.4
19-Nov-97	< 0.001	< 0.032	0.095	< 0.0004	0.002	0.003	0.001	< 0.004	< 0.002	< 0.006	< 0.006	0.001	0.019	0.39
24-Jun-98							0.003			< 0.006			0.007	
19-Nov-98							< 0.02			< 0.01			< 0.01	

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PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P7

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
18-Aug-99	< 0.003	< 0.03	0.124	< 0.0005	< 0.005	< 0.005	< 0.005	0.006	< 0.02	< 0.02	< 0.05	< 0.005	0.011	
14-Dec-99							< 0.005			< 0.02			0.008	
19-Jul-00	< 0.003	< 0.03	0.119	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.003	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
06-Dec-00	< 0.005	< 0.03	0.124	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
10-Jul-01	< 0.005	< 0.03	0.131	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.028	
06-Nov-01	< 0.0001	0.006	0.123	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	0.0005	< 0.005	
12-Jun-02	< 0.005	< 0.03	0.117	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006	
04-Nov-02	< 0.005	< 0.03	0.113	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
18-Jun-03	< 0.005	< 0.05	0.121	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017	
23-Oct-03							< 0.005			< 0.02			0.006	
29-Jun-04	< 0.005	0.44	0.157	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	1.09	
28-Oct-04	< 0.005	< 0.05	0.142	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.059	
12-Jul-05							< 0.01			< 0.05			0.03	
17-Nov-05							< 0.01			< 0.05			0.02	
27-Jun-06							< 0.005			< 0.001			0.014	
20-Nov-06							< 0.005			< 0.001			0.007	
22-Jun-07							< 0.005			< 0.001			0.354	
02-Nov-07							< 0.005			< 0.001			0.22	

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h - Health related objectives

PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P8

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
01-Apr-84														
29-Jul-87	< 0.005	< 0.01	0.06	< 0.0005	< 0.01	< 0.05	< 0.01		< 0.2	< 0.05	< 0.05	0.009	0.08	0.34
10-Dec-87	< 0.005	< 0.01	0.06	< 0.0005	< 0.01	< 0.05	0.02		0.2	< 0.05	< 0.05	< 0.005	0.07	0.16
01-Aug-88	< 0.005	0.03	0.059	< 0.0005	< 0.01	< 0.05	< 0.01		< 0.2	< 0.05		< 0.005	0.12	< 0.005
01-Feb-89														
01-Jun-89														
01-Nov-89														
01-Jul-90														
01-Nov-90														
21-Jun-91														
11-Oct-91														
11-Jun-92	< 0.005	0.07	0.071	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	0.26	
10-Nov-92	< 0.005	0.98	0.075	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	0.37	
10-Jun-93	< 0.005	< 0.05	0.067	< 0.0005	< 0.005	< 0.01	< 0.01	0.01	< 0.05	< 0.05	< 0.05	< 0.005	0.09	
05-Nov-93	< 0.009	0.24	0.06	< 0.005	0.01	0.02	0.03	< 0.002	< 0.01	< 0.01	< 0.02	0.02	< 0.02	
05-Nov-93	< 0.005	< 0.05	0.074	< 0.0005	< 0.005	< 0.01	< 0.01	0.02	< 0.05	< 0.05	< 0.05	< 0.005	0.07	
29-Jun-94	< 0.0001	0.15	0.1	< 0.005	< 0.0005	< 0.02	< 0.01	< 0.001	< 0.01	< 0.025	< 0.001	< 0.05	< 0.01	
27-Oct-94	< 0.0001	0.52	0.13	< 0.005	< 0.0005	< 0.02	< 0.01	0.06	< 0.01	0.19	< 0.001	< 0.05	0.07	
15-Jun-95	< 0.005	0.1	0.08	< 0.003	< 0.005	0.01	< 0.01	0.03	< 0.05	< 0.05	< 0.02	0.01	0.07	
15-Nov-95	< 0.005	0.03	0.078	< 0.003	< 0.005	< 0.01	0.01		< 0.05	< 0.05	0.03	< 0.01	0.07	< 0.5
19-Jun-96	< 0.005	< 0.03	0.77	< 0.003	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.02	< 0.01	< 0.01	0.3
14-Nov-96	< 0.005	0.03	0.06	< 0.003	< 0.005	0.02	0.03	0.01	< 0.05	< 0.05	0.02	0.03	0.02	0.3
18-Jun-97	< 0.001	< 0.032	0.073	< 0.0004	0.001	< 0.0009	< 0.001	< 0.004	0.002	< 0.006	< 0.006	0.001	0.009	0.19
19-Nov-97	< 0.001	< 0.032	0.066	< 0.0004	0.002	< 0.0009	0.003	< 0.004	< 0.002	< 0.006	< 0.006	< 0.001	0.009	0.18
24-Jun-98							0.003			< 0.006			0.007	
19-Nov-98							< 0.02			< 0.01			< 0.01	
18-Aug-99	< 0.003	< 0.03	0.072	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.003	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
14-Dec-99							< 0.005			< 0.02			0.005	

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h - Health related objectives

PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P8

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
19-Jul-00	< 0.003	< 0.03	0.076	< 0.0005	< 0.005	< 0.005	< 0.005	0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
06-Dec-00	< 0.005	< 0.03	0.07	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
08-Aug-01	< 0.005	0.07	0.065	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
06-Nov-01	< 0.0001	< 0.005	0.071	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	< 0.001	< 0.001	< 0.0005	0.0006	< 0.005	
12-Jun-02	< 0.005	< 0.03	0.073	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
04-Nov-02	< 0.005	< 0.03	0.076	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
18-Jun-03	< 0.005	< 0.05	0.076	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.006	
23-Oct-03							< 0.005			< 0.02			< 0.005	
29-Jun-04	< 0.005	< 0.05	0.078	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.05	
28-Oct-04	< 0.005	< 0.05	0.076	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
12-Jul-05							< 0.01			< 0.05			< 0.01	
17-Nov-05							< 0.01			< 0.05			< 0.01	
27-Jun-06							< 0.005			< 0.001			0.03	
20-Nov-06							< 0.005			< 0.001			0.017	
22-Jun-07							< 0.005			< 0.001			0.066	
02-Nov-07							< 0.005			< 0.001			0.14	

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PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P10

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
29-Jul-87	< 0.005	0.04	0.04	< 0.0005	< 0.01	< 0.5	< 0.01		< 0.2	< 0.5	< 0.5	0.01	0.67	0.55
10-Dec-87	< 0.005	< 0.01	0.04	< 0.0005	< 0.01	< 0.5	0.02		< 0.2	< 0.5	< 0.5	< 0.005	0.34	0.57
01-Aug-88	< 0.005	< 0.01	0.044	< 0.0005	< 0.01	< 0.5	< 0.01		< 0.2	< 0.5		< 0.005	0.17	0.6
01-Feb-89														
01-Jun-89														
01-Nov-89														
15-Nov-90														
21-Jun-91														
11-Oct-91														
11-Jun-92	< 0.005	0.07	0.055	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	0.05	
10-Nov-92	< 0.005	0.72	0.055	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	0.06	
10-Jun-93	< 0.005	< 0.05	0.056	< 0.0005	< 0.005	< 0.01	< 0.01	0.15	< 0.05	< 0.05	< 0.05	< 0.005	0.04	
05-Nov-93	< 0.005	< 0.05	0.055	< 0.0005	< 0.005	< 0.01	< 0.01	0.87	< 0.05	< 0.05	< 0.05	< 0.005	0.84	
05-Nov-93	< 0.009	0.17	0.05	< 0.005	< 0.001	0.02	0.03	0.28	< 0.01	< 0.01	< 0.02	0.02	0.65	
29-Jun-94	0.0001	0.25	0.096	< 0.005	< 0.0005	< 0.02	< 0.01	0.87	< 0.01	< 0.025	0.002	< 0.05	< 0.01	
27-Oct-94	< 0.0001	0.71	0.13	< 0.005	< 0.0005	< 0.02	< 0.01	0.05	< 0.01	< 0.025	0.002	< 0.05	0.05	
27-Oct-94	< 0.005	< 0.05	0.05	< 0.0005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.005	0.04	
15-Jun-95	< 0.005	0.08	0.06	< 0.003	< 0.005	< 0.01	< 0.01	2.29	< 0.05	< 0.05	0.03	< 0.01	0.06	< 0.5
15-Nov-95	< 0.005	< 0.03	0.057	< 0.003	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.02	< 0.01	0.02	
19-Jun-96	< 0.005	< 0.03	0.06	< 0.003	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.01	0.02	0.8
14-Nov-96	< 0.005	< 0.03	0.06	< 0.003	< 0.005	0.01	0.01	0.01	< 0.01	< 0.05	< 0.05	0.02	0.12	0.8
18-Jun-97	< 0.001	< 0.032	0.055	< 0.0004	< 0.001	< 0.0009	0.001	0.012	0.003	< 0.006	< 0.006	< 0.001	0.063	0.79
19-Nov-97	< 0.001	< 0.032	0.048	< 0.0004	0.001	0.001	0.003	0.005	< 0.002	< 0.006	< 0.006	< 0.001	0.050	0.76
24-Jun-98							0.002			< 0.006			0.329	
19-Nov-98							< 0.02			< 0.01			0.08	
18-Aug-99	< 0.003	< 0.03	0.053	< 0.0005	< 0.005	< 0.005	< 0.005	0.014	< 0.02	< 0.02	< 0.05	< 0.005	0.061	
14-Dec-99							< 0.005			< 0.02			0.178	
19-Jul-00	< 0.003	< 0.03	0.056	< 0.0005	< 0.005	< 0.005	< 0.005	0.018	< 0.02	< 0.02	< 0.05	< 0.005	0.128	

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h - Health related objectives

PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P10

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
06-Dec-00	< 0.005	< 0.03	0.052	< 0.0005	< 0.005	< 0.005	< 0.005	0.01	< 0.02	< 0.02	< 0.05	< 0.005	0.177	
10-Jul-01	< 0.005	< 0.03	0.057	< 0.0005	< 0.005	< 0.005	< 0.005	0.026	< 0.02	< 0.02	< 0.05	< 0.005	0.113	
06-Nov-01	< 0.0001	< 0.005	0.052	< 0.001	< 0.0001	< 0.0001	< 0.005	0.015	0.002	< 0.001	0.002	0.0006	0.171	
12-Jun-02	< 0.005	< 0.03	0.051	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.09	
04-Nov-02	< 0.005	< 0.03	0.054	< 0.0005	< 0.005	< 0.005	< 0.005	0.012	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
18-Jun-03	< 0.005	< 0.05	0.055	< 0.0005	< 0.005	< 0.005	< 0.005	0.023	< 0.02	< 0.02	< 0.05	< 0.005	0.225	
23-Oct-03							< 0.005			< 0.02			0.593	
29-Jun-04	< 0.005	0.11	0.054	< 0.0005	< 0.005	< 0.005	< 0.005	0.014	< 0.02	< 0.02	< 0.05	< 0.005	0.316	
28-Oct-04	< 0.005	< 0.05	0.051	< 0.0005	< 0.005	< 0.005	< 0.005	0.043	< 0.02	< 0.02	< 0.05	< 0.005	0.988	
12-Jul-05							< 0.01			< 0.05			0.2	
17-Nov-05							< 0.01			< 0.05			0.12	
27-Jun-06							< 0.005			< 0.001			0.05	
20-Nov-06							< 0.005			< 0.001			0.028	
22-Jun-07							< 0.005			< 0.001			0.19	
02-Nov-07							< 0.005			< 0.001			0.1	

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h - Health related objectives

PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P11

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
01-Jul-90														
01-Nov-90														
21-Jun-91														
11-Oct-91														
11-Jun-92	< 0.005	0.12	0.095	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	0.11	
10-Nov-92	< 0.005	0.52	0.092	< 0.0005	< 0.005	< 0.01	< 0.01		< 0.05	< 0.05	< 0.05	< 0.005	0.12	
10-Jun-93	< 0.005	< 0.05	0.088	< 0.0005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.005	0.09	
05-Nov-93	< 0.005	< 0.05	0.098	< 0.0005	< 0.005	< 0.01	< 0.01	0.02	< 0.05	< 0.05	< 0.05	< 0.005	0.87	
05-Nov-93	< 0.009	0.3	0.09	< 0.005	< 0.001	0.02	0.03	< 0.002	< 0.01	< 0.01	< 0.02	0.02	0.77	
29-Jun-94	< 0.0001	0.18	0.14	< 0.005	< 0.0005	< 0.02	< 0.01	< 0.001	< 0.01	< 0.025	< 0.001	< 0.05	0.21	
27-Oct-94	< 0.0001	0.56	0.17	< 0.005	< 0.0005	< 0.02	< 0.01	0.05	< 0.01	< 0.025	0.001	< 0.05	0.27	
15-Jun-95	< 0.005	0.09	0.1	< 0.003	< 0.005	< 0.01	< 0.01	0.02	< 0.05	< 0.05	< 0.02	< 0.01	0.26	
15-Nov-95	< 0.005	< 0.03	0.095	< 0.003	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.02	< 0.01	0.39	0.5
19-Jun-96	< 0.005	< 0.03	0.098	< 0.003	< 0.005	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.02	< 0.01	0.07	0.5
14-Nov-96	0.005	0.05	0.09	< 0.003	< 0.005	0.01	0.02	< 0.01	< 0.05	< 0.05	< 0.02	0.02	0.24	0.6
18-Jun-97	< 0.001	< 0.032	0.091	< 0.0004	0.001	< 0.0009	< 0.001	< 0.004	< 0.002	< 0.006	< 0.006	< 0.001	0.199	0.46
19-Nov-97	0.003	< 0.032	0.09	< 0.0004	< 0.001	< 0.0009	0.002	< 0.004	0.002	< 0.006	0.015	< 0.001	0.204	0.46
24-Jun-98							0.002			< 0.006			0.147	
19-Nov-98							< 0.02			< 0.01			0.14	
18-Aug-99	< 0.003	< 0.03	0.105	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.003	< 0.02	< 0.02	< 0.05	< 0.005	0.08	
14-Dec-99							< 0.005			< 0.02			0.141	
19-Jul-00	< 0.003	< 0.03	0.11	< 0.0005	< 0.005	< 0.005	< 0.005	0.004	< 0.02	< 0.02	< 0.05	< 0.005	0.197	
06-Dec-00	< 0.005	< 0.03	0.101	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.214	
10-Jul-01	< 0.005	< 0.03	0.105	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.139	
06-Nov-01	< 0.0001	< 0.005	0.099	< 0.001	< 0.0001	< 0.0001	< 0.005	< 0.0005	0.003	< 0.001	< 0.0005	< 0.0005	0.183	
12-Jun-02	< 0.005	< 0.03	0.097	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.112	

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PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P12

	Trace Elements													
Date	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
18-Jun-97	< 0.001	< 0.032	0.135	< 0.0004	0.002	< 0.0009	< 0.001	0.041	0.003	< 0.006	< 0.006	0.001	0.004	0.28
19-Nov-97	< 0.001	< 0.032	0.118	< 0.0004	< 0.001	0.002	0.003	0.063	0.003	< 0.006	0.008	< 0.001	0.015	0.26
24-Jun-98							0.002			0.007			0.015	
19-Nov-98							< 0.02			< 0.01			< 0.01	
18-Aug-99	< 0.003	< 0.03	0.132	< 0.0005	< 0.005	< 0.005	< 0.005	0.013	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
14-Dec-99							< 0.005			< 0.02			< 0.005	
19-Jul-00	< 0.003	< 0.03	0.138	< 0.0005	< 0.005	< 0.005	< 0.005	0.015	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
06-Dec-00	< 0.005	< 0.03	0.133	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	0.017	
10-Jul-01	0.008	0.03	0.128	< 0.0005	< 0.005	< 0.005	< 0.005	0.006	< 0.02	< 0.02	< 0.05	< 0.005	0.007	
06-Nov-01	< 0.0001	< 0.005	0.127	< 0.001	< 0.0001	< 0.0001	< 0.005	0.005	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.005	
12-Jun-02	< 0.005	< 0.03	0.126	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
04-Nov-02	< 0.005	0.06	0.108	< 0.0005	< 0.005	< 0.005	< 0.005	0.01	< 0.02	< 0.02	< 0.05	< 0.005	0.056	
18-Jun-03	< 0.005	< 0.05	0.144	< 0.0005	< 0.005	< 0.005	< 0.005	0.017	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
04-Dec-04	< 0.005	< 0.05	0.446	< 0.0005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02	< 0.05	< 0.005	< 0.005	
17-Nov-05							< 0.01			< 0.05			< 0.01	
27-Jun-06							< 0.005			< 0.001			< 0.005	
20-Nov-06							< 0.005			< 0.001			< 0.005	
22-Jun-07							< 0.005			< 0.001			< 0.005	

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h - Health related objectives

PRIVATE WATER WELL QUALITY - TRACE METALS ANALYSIS - EASTVIEW ROAD LANDFILL

P13

Date	Trace Elements													
	Ag mg/L	Al mg/L	Ba mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Mo mg/L	Ni mg/L	Pb mg/L	V mg/L	Zn mg/L	F mg/L
ODWS		0.10 a	1.0 h		0.005 h		0.05 h	1.0 a			0.01 h		5.0 a	2.4 h
12-Jul-05							< 0.01			< 0.05			0.07	
17-Nov-05							< 0.01			< 0.05			0.05	
27-Jun-06							< 0.005			< 0.001			0.069	
20-Nov-06							< 0.005			< 0.001			0.042	
22-Jun-07							< 0.005			< 0.001			0.27	
02-Nov-07							< 0.005			< 0.001			0.5	

Note: ODWS - Indicates Ontario Drinking Water Standard a - Non health related objectives (Aesthetic or Operational)
h - Health related objectives

Appendix E

Combustible Gas Monitoring Results

TABLE E1 - GAS CONCENTRATIONS READINGS - LANDFILL MONITORS

DATE	1-I Waste % Vol	51-I Waste % Vol	51-II Outwash % Vol	52-I Outwash % Vol	55-I Outwash % Vol	56-I Outwash % Vol	57-I Outwash % Vol	58-I Outwash % Vol	59-I Waste % Vol	61-I Outwash % Vol	62-I Waste % Vol	63-I Outwash % Vol	64-I Waste % Vol	65-I Waste % Vol	66-I Outwash % Vol	67-I Waste % Vol
26-Mar-93	40	55	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
29-Apr-93	40	55	55	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
21-May-93	40	55	55	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
21-Jun-93	40	55	55	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
16-Jul-93	45	55	55	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
10-Aug-93	45	55	55	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
16-Sep-93	43	48	55	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
13-Oct-93	38	50	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
24-Nov-93	30	50	52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
17-Dec-93	45	55	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
19-Jan-94	10	50	0	50	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a
11-Feb-94	5	5	0	5	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a
10-Mar-94	4	5	0	5	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a
19-Apr-94	5	7	0.35	6	0.35	0.5	0.25	0.6	5	6	n/a	n/a	n/a	n/a	n/a	n/a
12-May-94	4	7	3.05	0.75	0.15	0.8	0.2	6	6	1.25	n/a	n/a	n/a	n/a	n/a	n/a
23-Jun-94	4	25	1.1	6	0.3	0.65	1.7	6	10	1.75	n/a	n/a	n/a	n/a	n/a	n/a
12-Jul-94	1	15	0.5	1.05	0.9	0.55	0.45	0.8	0	1.9	n/a	n/a	n/a	n/a	n/a	n/a
10-Aug-94	11	25	0.6	0.95	0.8	3.6	2.4	1.05	6	3.05	n/a	n/a	n/a	n/a	n/a	n/a
16-Sep-94	25	22	1	7	0.2	5	1.05	0.5	10	1.75	n/a	n/a	n/a	n/a	n/a	n/a
12-Oct-94	2	15	0.85	1.6	0.8	0.5	0.25	1.4	2.85	1.95	n/a	n/a	n/a	n/a	n/a	n/a
11-Nov-94	0	15	0.3	1.85	0.5	1.75	1.05	0.35	7	0.4	n/a	n/a	n/a	n/a	n/a	n/a
14-Dec-94	4	18	0.4	10	0.95	3.85	0.9	1.1	10	0.9	n/a	n/a	n/a	n/a	n/a	n/a
17-Jan-95	1	10	0.85	1	1.2	0.3	0.45	0.7	6	0.1	n/a	n/a	n/a	n/a	n/a	n/a
09-Feb-95	1	15	0.45	1.25	0.55	0.15	0.3	0.35	6	0.1	n/a	n/a	n/a	n/a	n/a	n/a
10-Mar-95	13	57	1.25	1.75	1.1	0.55	0.35	0.65	12	18	57	22	n/a	n/a	n/a	n/a
13-Apr-95	16	56	1.75	2.5	0.9	0.4	0.5	0.3	14	20	58	18	n/a	n/a	n/a	n/a
18-May-95	8	62	1.35	2.05	0.7	0.5	0.35	0.85	23	4.95	30	15	n/a	n/a	n/a	n/a
30-Jun-95	2	30	0.75	53	2.45	18	1.85	1.15	73	2.4	43	2.75	n/a	n/a	n/a	n/a
20-Jul-95	2	45	0.45	2.55	1.6	1	1.05	0.9	95	1.75	52	65	59	29	50	15
21-Sep-95	3	44	3.3	47	2.6	2.2	4.1	3.3	38	6	44	16	53	6	64	56
18-Oct-95	4	45	4.6	44	4	3.2	2.75	1.6	39	7	42	18	54	8	50	52
22-Nov-95	3	2.7	0	2.65	0.05	4	0.7	0	1.6	0.15	54	77	55	57	67	58
21-Dec-95	53	55	0.2	54	0.1	25	9	2	50	0.05	64	23	55	57	57	58
09-Jan-96	54	54	0.15	53	0.35	25	0.05	15	53	0.6	54	20	54	57	57	57
08-Feb-96	52	53	0	51	0.15	43	0.5	3.65	26	0.1	52	12	0	56	55	55
08-Mar-96	51	52	0.1	51	0	35	1.15	37	51	1.6	52	42	52	54	55	55
18-Apr-96	50	0.35	0.15	50	2	20	0.05	4.5	49	0.05	51	25	50	54	54	54
16-May-96	51	51	0.05	51	0.1	18	0.55	4	51	1.15	52	23	50	55	54	54
16-Jul-96	14	47	0.1	48	0.05	0.2	0	2.35	48	0.05	50	2.3	48	49	52	51
26-Sep-96	48	49	0.05	49	0.1	0	0	1.05	48	0	49	1.3	49	50	52	52
01-Nov-96	48	50	0.15	49	0.7	23	0	0.05	49	0	50	39	49	51	52	53
28-Nov-96	13	58	1.8	2.5	0.9	0.4	0.5	0.3	14	20	58	18	0	0	0	0
13-Dec-96	49	51	0	49	0.9	18	0	0	49	0.05	50	22	50	54	53	52
27-Jan-97	57	53	0	61	28	19	0	0	51	0.1	45	27	55	51	59	62
11-Feb-97	27	52	0.15	51	0.65	29	0	0	51	0	52	27	52	61	55	55
13-Mar-97	35	53	0.05	45	0.45	22	0	0	62	0	45	22	45	65	33	61
30-Apr-97	46	50	0.05	50	0.05	0.15	0	0.05	50	0.2	52	30	51	61	54	54
27-May-97	2	49	0.05	50	0.2	0.15	0.05	0.05	50	0.15	52	17	50	60	54	54
14-Aug-97	10	51	0.1	51	4.9	33	0	0.1	51	0.05	53	0.9	52	63	55	55
30-Sep-97	19	52	0	52	4.1	0	0	0	52	0	52	0	52	14	41	46
18-Nov-97	n/a	41	0	62	4.95	0	0	0	59	0	57	0	50	19	49	44

TABLE E1 - GAS CONCENTRATIONS READINGS - LANDFILL MONITORS

DATE	1-I Waste % Vol	51-I Waste % Vol	51-II Outwash % Vol	52-I Outwash % Vol	55-I Outwash % Vol	56-I Outwash % Vol	57-I Outwash % Vol	58-I Outwash % Vol	59-I Waste % Vol	61-I Outwash % Vol	62-I Waste % Vol	63-I Outwash % Vol	64-I Waste % Vol	65-I Waste % Vol	66-I Outwash % Vol	67-I Waste % Vol
26-Jan-98	n/a	50	0	51	0.95	0	0	0	51	0	52	1.65	52	60	55	55
20-Mar-98	n/a	51	0	51	1	12	0.15	0	50	0	53	3.85	51	63	54	54
27-May-98	n/a	45	0	41	0	2	0	0	32	0	23	2.3	41	39	51	44
16-Sep-98	n/a	55	0	57	0.05	1	0	0	27	0	47	0	47	41	31	53
21-Oct-98	n/a	65	0	62	0	3	0	0	46	0	49	0	41	39	29	55
10-Dec-98	n/a	66	0.05	55	0	0.05	0	0	39	0	50	0	55	37	25	49
12-Jan-99	n/a	35	0	22	3.75	0	0	0	45	0	39	0	38	25	41	37
16-Feb-99	n/a	36	0	25	2.65	0	0	0	33	0	44	0	34	15	27	32
18-Mar-99	n/a	49	0	51	25	0	0	0	0	0	34	0	49	34	32	51
13-Apr-99	n/a	63	0	98	1.65	0	0	0	0	0	23	0	57	55	29	32
20-May-99	n/a	55	0	88	1.45	0	0	0	32	0	19	0	45	32	28	31
16-Jun-99	n/a	51	0	61	0.75	0	0.05	0	29	0	18	0	29	59	37	29
24-Jul-99	n/a	65	0	74	8	0	0	0	19	0	17	0	24	36	28	34
18-Aug-99	n/a	62	0	88	0.2	0	0	0	15	0	21	0	21	29	29	27
21-Sep-99	n/a	51	0	65	0.2	0	0	0	21	0	32	0	14	27	37	41
14-Oct-99	n/a	56	0	62	0.1	0	0	0	19	0	41	0	12	24	41	37
23-Nov-99	n/a	45	0	51	0.1	0	0	0	15	0	37	0	11	19	20	47
27-Jan-00	n/a	47	0	55	0.05	0	0	0	12	0	26	0	9	12	15	34
16-Feb-00	n/a	41	0	59	0.05	0	0	0	15	0	19	0	7	15	14	24
22-Mar-00	n/a	47	0.05	31	14	24	0.05	17	46	1.65	62	19	47	59	59	47
18-Apr-00	n/a	42	0.05	34	17	30	0	14	32	1.7	39	23	54	51	49	62
21-Jun-00	n/a	32	0.2	55	21	13	0	24	59	2.15	48	17	39	41	56	58
18-Jul-00	n/a	59	0.1	47	13	14	0.6	19	43	3.55	43	27	54	45	39	42
24-Aug-00	n/a	55	0.05	62	19	24	0.45	27	47	23	59	22	61	54	55	47
19-Oct-00	n/a	31	0.1	41	4.45	4.9	0.05	16	61	3.05	47	20	43	47	49	61
14-Nov-00	n/a	51	0.1	50	9	20	0.05	22	50	2.3	51	21	51	54	54	53
15-Dec-00	n/a	43	0.1	46	22	26	0	21	65	1.75	45	16	47	33	47	56
21-Feb-01	n/a	40	0.05	44	29	21	0	18	45	1.6	33	12	33	29	41	45
03-Aug-01	n/a	61	0.01	51	31	32	0.01	26	42	1.45	39	19	57	31	43	51
14-Jan-02	n/a	32	0.01	64	71	27	0.01	36	64	1.1	89	17	45	22	42	44
19-Mar-02	n/a	57	0.05	44	56	19	0.05	17	49	2.05	39	18	37	45	37	54
15-May-02	n/a	52	0.01	32	29	25	0.05	25	37	1.55	31	3	51	1.15	43	41
16-Jul-02	n/a	40	0	41	21	21	0	19	1.1	1.1	22	0	31	2.35	32	38
12-Sep-02	n/a	37	0.05	1.15	35	29	0.05	17	51	2.7	46	5	41	34	46	51
18-Nov-02	n/a	43	0	52	51	11	0	22	47	1.9	1.4	0.6	36	31	29	2.15
13-Feb-03	n/a	34	0.1	45	44	10	0.05	20	34	1.25	26	0.45	23	1.15	21	41
13-Aug-03	n/a	61	0.05	46	25	31	0.1	0.1	71	1.05	37	0.45	37	1.35	32	47
20-Jul-04	n/a	17.4	19.5	59.7	44.2	7.4	0.3	0.8	57.4	49.8	62.3	37.4	58.3	1	0.7	1.5
17-Sep-04	n/a	7.8	11.3	64.2	47.2	10	1.1	2.3	59.5	56.2	61.2	39.6	61.2	3.4	1.3	2.1
14-Dec-04	n/a	0	0	63.2	56.4	8	0	0	63.2	58.1	64.5	33.8	63	0	0.2	0
24-Feb-05	n/a	42.1	46.5	48.5	51.2	22	0	0	50.3	0	19.5	5.1	53	0	43.2	2
28-Jul-05	n/a	48.9	47.2	41.3	34.7	27.6	1.1	0.4	49.6	0.9	15.7	2.3	21.9	1.8	43.5	3.8
10-Feb-06	n/a	29.4	8.2	54.3	18.7	0.2	0	0.9	10.9	0.1	3.2	0	58.5	0	0.9	0.4
06-Sep-06	n/a	34.4	0	59.8	21.9	0	0	1.5	6.5	0.2	5.1	0	60.2	0	1.2	0
06-Feb-07	n/a	12.3	0	41.2	17.3	0.2	0	0.9	5.3	0.4	2.1	0	53.2	0	0.3	0.8
10-Aug-07	n/a	0	0	23.3	32.1	0	0	0	2.3	0	1.2	0	12.2	0	0	0.3

Gas concentrations are measured in per cent volume in air

TABLE E2 - GAS CONCENTRATIONS IN C AND D SERIES MONITORS - WEST SIDE OF SITE

Date	C1-II % vol	C2-II % vol	C3-I % vol	D1-I % vol	D2-I % vol	Date	C1-II % vol	C2-II % vol	C3-I % vol	D1-I % vol	D2-I % vol
10-Feb-93	0.25	17	0	18	18	30-Apr-97	0	0	0	1	29
26-Mar-93	0	1.9	0	5	9	27-May-97	0	0	0	3.8	4.2
29-Apr-93	0	0	0	2.25	8	14-Aug-97	0	0	0.05	11	29
21-May-93	0	0	0	1.6	2.7	30-Sep-97	0	0	0	0.25	0
21-Jun-93	0	0	0	3.45	2.65	18-Nov-97	0	0	0	0.15	0
16-Jul-93	0	0	0	16	6	26-Jan-98	0	0	0	31	25
10-Aug-93	0	0	0	16	8	20-Mar-98	0	0	0	16	19
16-Sep-93	0	0	0	15	14	27-May-98	0	0	0	8	0.85
13-Oct-93	0	0	0	18	10	16-Sep-98	0	0	0	9	0.85
24-Nov-93	0	0	0	13	10	21-Oct-98	0	0	0	15	1
17-Dec-93	0	0	0	20	3.6	10-Dec-98	0	0	0	6	0.1
19-Jan-94	0	0	0	6	3.25	12-Jan-99	0	0	0	0.05	0
11-Feb-94	0	6	0	12	6	16-Feb-99	0	0	0	0.1	0
10-Mar-94	0	0	0	0	0.6	18-Mar-99	0	0	0	0.05	0
19-Apr-94	0	0	0	0.8	0.25	13-Apr-99	0	0	0	0.1	0
12-May-94	0	0	0	1.25	1.2	20-May-99	0	0	0	0.05	0.1
23-Jun-94	0	0	5	1.5	1.05	16-Jun-99	0	0	0	0	0
12-Jul-94	0	0	0	1	0.5	24-Jul-99	0	0	0	0	0
10-Aug-94	0	0	0	2.6	1.1	18-Aug-99	0	0	0	0	0
16-Sep-94	0	0	0	2.25	0.9	21-Sep-99	0	0	0	0	0
12-Oct-94	0	0	0	0.85	0	14-Oct-99	0	0	0	0	0
11-Nov-94	0	0	0	0.8	0	23-Nov-99	0	0	0	0	0
14-Dec-94	0	0	0	1.4	0.8	27-Jan-00	0	0	0	0	0
17-Jan-95	0	0	0	0.2	0	16-Feb-00	0	0	0	0	0
09-Feb-95	0	0	0	0.3	0	22-Mar-00	0	0	0	0.15	3
10-Mar-95	0	0	0.6	11	18	18-Apr-00	0	0	0	0.1	3
13-Apr-95	0	0	0.9	12	15	21-Jun-00	0	0	0	0.1	2.75
18-May-95	0	0	0	15	12	18-Jul-00	0	0	0	0.05	9
30-Jun-95	0	0	0	0.9	1.65	24-Aug-00	0	0	0	0.1	2.1
20-Jul-95	0	0	0	0.55	1.05	19-Oct-00	0	0	0	0.15	4.05
21-Sep-95	0	0	0	0.4	0.25	14-Nov-00	0	0	0	0.1	8
18-Oct-95	0	0	0	0	0.75	15-Dec-00	0	0	0	0.05	3.85
22-Nov-95	0	0	0	4	0.85	21-Feb-01	0	0	0	0.05	0
21-Dec-95	0	0	0	3.3	31	11-Apr-01	0	0	0	0	0.4
09-Jan-96	0	0	0	12	33	20-Jun-01	0	0	0	0	0.15
08-Feb-96	3.3	0		22	35	03-Aug-01	0	0	0	0	0.05
08-Mar-96	0.15	19	0	16	18	15-Oct-01	0	0	0	0	0.05
18-Apr-96	0.1	2.4	0	17	1.6	04-Dec-01	0	0	0	0	0.05
16-May-96	0	0.05	0.05	9	32	14-Jan-02	0	0	0	0	0.1
16-Jul-96	0	0	0	25	30	19-Mar-02	0	0	0	0	0
26-Sep-96	0	0	0	16	37	15-May-02	0	0	0	0	0.2
01-Nov-96	0	0.05	0	16	30	16-Jul-02	0	0	0	0	0.1
28-Nov-96	0	0	0.85	14	17	12-Sep-02	0	0	0	0.05	0.05
13-Dec-96	0	0.05	0.05	4.25	22	18-Nov-02	0	0	0	0	0.05
27-Jan-97	0	0.05	0.1	4.15	18	13-Feb-03	0	0	0	0.05	0.05
11-Feb-97	0	0	0	29	12	17-Apr-03	0	0	0	0	0.05
13-Mar-97	0	0	0	15	6	19-Jun-03	0	0	0	0.05	0.05

Gas Concentrations are measured in per cent by volume in air

TABLE E2 - GAS CONCENTRATIONS IN C AND D SERIES MONITORS - WEST SIDE OF SITE

Date	C1-II % vol	C2-II % vol	C3-I % vol	D1-I % vol	D2-I % vol	Date	C1-II % vol	C2-II % vol	C3-I % vol	D1-I % vol	D2-I % vol
13-Aug-03	0	0	0	0	0.05						
21-Oct-03	0	0	0	0.05	0.05						
20-Jul-04	0	0	0	1.7	5.2						
17-Sep-04	0	0	0	2.3	9.3						
14-Dec-04	0	0	0	0	7.2						
24-Feb-05	0	0	0	0	3.1						
28-Jul-05	0	0	0	0.9	2.1						
10-Feb-06	0	0	0	0	0.2						
06-Sep-06	0	0	0	0	0						
06-Feb-07	0	0	0	0	0						
10-Aug-07	0	0	0	0	0						

TABLE E3 - GAS CONCENTRATIONS IN C AND D SERIES MONITORS - SOUTH SIDE OF SITE

Date	C5-I % vol	C6-II % vol	C7-I % vol	C8-I % vol	C9-II % vol	C10-II % vol	C11-II % vol	C12-I % vol	C13-I % vol	C14-I % vol	D3-I % vol	D4-I % vol	D5-I % vol
10-Feb-93	4.45	0	0	0	0	0	0	0	13	n/a	13	0	n/a
26-Mar-93	16	0.4	0.8	0	0	0	2.9	0	1.95	n/a	5	0	n/a
29-Apr-93	6	0	2.6	0.5	0	0	0	0	0	n/a	5	0	n/a
21-May-93	6	0	2.6	0	0.15	0	0	0	0.2	n/a	4.1	0	n/a
21-Jun-93	6	0	0.3	0	0	0	0	0	0.25	n/a	5	0	n/a
16-Jul-93	40	25	20	5	15	0.05	0	0	15	n/a	20	0	n/a
10-Aug-93	35	10	40	3.45	6	0	0	0.25	6	n/a	30	0	n/a
16-Sep-93	30	4.25	25	2.45	4.05	0	0	0.15	3.15	n/a	35	0	n/a
13-Oct-93	25	3.6	30	1.6	6	0	0.05	0.25	0.65	n/a	20	0	n/a
24-Nov-93	20	2.9	22	2	8	0	0	0.6	0.1	n/a	15	0.7	n/a
17-Dec-93	13	3.25	18	1.9	6	0	0	0.2	0	n/a	20	0	n/a
19-Jan-94	13	2.6	15	0.85	5	0	0	0.1	0	n/a	14	0	n/a
11-Feb-94	8	1.15	0	0	0	0	0	0	0	n/a	3.2	0	n/a
10-Mar-94	0	0	0	0	0	0	0	0	0	n/a	4.15	0	n/a
19-Apr-94	0.25	0	0.1	0	0	0	0	0	0	n/a	1.9	0	n/a
12-May-94	0	0.6	6	0	0	0	0	0	0	n/a	0.85	0	n/a
23-Jun-94	0	0	2.15	0	0.55	0	0	0	0.1	n/a	0	0	n/a
12-Jul-94	0.3	0	2.4	0	0	0	0	0	0.05	n/a	0	0	n/a
10-Aug-94	0	0	2.45	0	0	0	0	0	0	n/a	2.05	0	n/a
16-Sep-94	0	0	0.25	0	0.05	0	0	0	0	n/a	0.05	0	n/a
12-Oct-94	0	0	0.85	0	0	0	0	0	0	n/a	3.15	0	n/a
11-Nov-94	0.05	0	0.75	0	0	0	0	0	0	n/a	1.9	0	n/a
14-Dec-94	0	0	1.2	0	0	0	0	0	0	n/a	1	0.25	n/a
17-Jan-95	0	0	0.55	0	0	0	0	0	0	n/a	0	0	n/a
09-Feb-95	0	0	0	0	0	0	0	0	0	n/a	0	0	n/a
10-Mar-95	0	0	1.5	12	0	0	0	0.1	0	n/a	0.05	0.15	n/a
13-Apr-95	0	0	1.6	11	0	0	0	0	0	n/a	0.8	0	n/a
18-May-95	1.15	0.1	18	0.65	0	0	0	0	0.2	n/a	18	0.15	n/a
30-Jun-95	0	0	0.65	0.25	0.3	0	0	0	0	n/a	2.45	1.6	n/a
20-Jul-95	0	0	0.4	0.15	0.1	0	0	0	0	0	1.55	0.55	0.75
21-Sep-95	0.5	0	1.1	0.85	0	0.9	0	0	0	0	39	1.05	0.5
18-Oct-95	0.8	0	1.5	0.75	0	1.2	0	0	0	0	34	1.75	2.2
22-Nov-95	2.75	2	1.4	0.05	0.15	0	0	0	0	0	1	0	1.45
21-Dec-95	4.25	0.05	27	0	8	0.15	0	0	0.75	0	36	0	0
09-Jan-96	3	0	20	1.65	0.05	0.05	0.1	0	0	0	46	0	1.6
08-Feb-96	8	32	34	1.35	6	0.05	0	0	0.05	0	37	0.25	3.85
08-Mar-96	0	0	39	0.1	0.75	0	0	0	0	0	20	0	2.6
18-Apr-96	0	0	28	0.05	0	0.05	0	0	0	0	4	0	5.3
16-May-96	0	0	38	0.05	2.35	0	0	0	0.05	0	22	0	0.7
16-Jul-96	2.8	0.45	1.65	4.95	20	0	3.15	0	0.45	0	8	0	23
26-Sep-96	11	2.3	39	2.85	10	0	0.75	0.05	2.2	0	44	0	38
01-Nov-96	15	3.55	29	0.3	11	0.15	0.05	0	2.5	0	33	0.05	25
28-Nov-96	0	0	1.75	14	0	0	0	0	0	0	0.8	0	0
13-Dec-96	3.25	0.05	33	0.25	3.25	0	0.25	0	2.1	0	36	0	40
27-Jan-97	3.05	0.05	39	0.3	3.15	0	0.45	0	3.05	0	41	0.05	37
11-Feb-97	16	0.5	36	0.15	9	0	0.1	0	2.5	0	0.05	0.05	29

TABLE E3 - GAS CONCENTRATIONS IN C AND D SERIES MONITORS - SOUTH SIDE OF SITE

Date	C5-I % vol	C6-II % vol	C7-I % vol	C8-I % vol	C9-II % vol	C10-II % vol	C11-II % vol	C12-I % vol	C13-I % vol	C14-I % vol	D3-I % vol	D4-I % vol	D5-I % vol
13-Mar-97	11	0.75	23	0.25	0	0	0.15	0	3.65	0	0.35	0.05	13
30-Apr-97	10	0	33	4.95	2.65	0	0	0	0	0	18	0	29
27-May-97	0	0	15	4.3	3.6	0	0	0	0	0	27	0	22
14-Aug-97	0.05	0	0.4	0	18	0	0	0	0	0.35	28	27	48
30-Sep-97	0	0	5.3	0	17	0	2.6	0	0	0.65	4.85	0	43
18-Nov-97	0	0	5.5	0	14	0	0.6	0	0	0.45	4.55	0	39
26-Jan-98	0	0	9	0.3	16	0	0.35	0	1.65	0	31	0	21
20-Mar-98	0	0	3.25	0	2.25	0	0	0	0	0	18	0	39
27-May-98	0	0	2.75	0	1.6	0	0	0	0	0	11	0	22
16-Sep-98	0.1	0	1.15	0	2.05	0	0	0	0	0	9	0	40
21-Oct-98	0	0	0.6	0	1.05	0	0	0	0	0	7	0	32
10-Dec-98	0	0	0.4	0	0.75	0	0	0	0	0	4	0	27
12-Jan-99	0	0	3	0	11	0	0.45	0	0	0.35	4	0	49
16-Feb-99	0	0	1.6	0	0.6	0	0.05	0	0	0.05	2.25	0	33
18-Mar-99	0	0	3.8	0	25	0	0	0	0	0.1	27	0	41
13-Apr-99	0	0	2.9	0	17	0	0.05	0	0	0.05	14	0	52
20-May-99	0	0	2.25	0	15	0	0.1	0	0	0	12	0	49
16-Jun-99	0	0	1.9	0	12	0	0.05	0	0	0	10	0	15
24-Jul-99	0	0	1.55	0	10	0	0.15	0	0	0	9	0	12
18-Aug-99	0	0	1.95	0	0.1	0	0.05	0	0	0	22	0	16
21-Sep-99	0	0	0	0	0	0	0	0	0	0	14	0	23
14-Oct-99	0	0	0.05	0	0	0	0.05	0	0	0	11	0	18
23-Nov-99	0	0	0	0	0	0	0.05	0	0	0	16	0	11
27-Jan-00	0	0	0.05	0	0	0	0	0	0	0	15	0	9
16-Feb-00	0	0	0.05	0	0	0	0	0	0	0	10	0	5
22-Mar-00	0	0	1.45	0	0	0	0	0	0	0.6	0.05	0	22
18-Apr-00	0	0	3.1	0	0	0	0	0	0	0.15	0.4	0	24
21-Jun-00	0.05	0	2.05	0	0	0	0	0	0	0	0.05	0	2.75
18-Jul-00	0.05	0	1	0	0	0	0	0	0	0.8	0.05	0.05	20
24-Aug-00	0	0	3.45	0	0	0	0	0	0	0.45	0	0.05	4
19-Oct-00	0	0	2.45	0	0	0	0	0	0	0.8	0	0	21
14-Nov-00	0.05	0	3	0	0	0	0	0	0	0.75	0	0	29
15-Dec-00	0.05	0	2.45	0	0	0	0	0	0	0.6	0	0	33
21-Feb-01	0	0	0	0	0	0	0	0	0	0.05	0	0	22
11-Apr-01	0.05	0	0	0.05	0	0	0	0	0.05	0.1	0	0	19
20-Jun-01	0	0	0	0	0	0	0	0	0	0	0	0	15
03-Aug-01	0	0	0.95	0	0	0	0	0	0	0.05	0	0	26
15-Oct-01	0	0	0	0	0	0	0	0	0	0.05	0.05	0.1	20
04-Dec-01	0.05	0	0.1	0	0	0	0	0	0	0	0	0.05	17
14-Jan-02	0	0	0.75	0	0	0	0	0	0.05	0.2	0.05	0	32
19-Mar-02	0	0	0.05	0	0	0	0	0	0	0	0	0	12
15-May-02	0	0	0.9	0	0	0	0	0	0	0	0.05	0.05	14
16-Jul-02	0.05	0	0	0	0	0	0	0	0	0	0	0	27
12-Sep-02	0	0	0.05	0	0	0	0	0	0.05	0	0	0	19
18-Nov-02	0.05	0	0.1	0	0	0	0	0	0.05	0.1	0.05	0	22
13-Feb-03	0.05	0	0.05	0	0	0	0	0	0.05	0.05	0.05	0.05	10

Gas Concentrations are measured in per cent by volume in air

TABLE E3 - GAS CONCENTRATIONS IN C AND D SERIES MONITORS - SOUTH SIDE OF SITE

Date	C5-I % vol	C6-II % vol	C7-I % vol	C8-I % vol	C9-II % vol	C10-II % vol	C11-II % vol	C12-I % vol	C13-I % vol	C14-I % vol	D3-I % vol	D4-I % vol	D5-I % vol
17-Apr-03	0	0	0.05	0	0	0	0	0	0.05	0.1	0.05	0	23
19-Jun-03	0.05	0	0.05	0	0	0	0	0	0.05	0.15	0.05	0	18
13-Aug-03	0	0	0.05	0	0	0	0	0	0	0.1	0.05	0	9
21-Oct-03	0.05	0	0.05	0	0	0	0	0	0.05	0.05	0.05	0	22
20-Jul-04	0	0	0	0	0	0	0	0	0	0	18.4	0.8	2.8
17-Sep-04	0	0	0	0	0	0	0	0	0	0	23.4	1.1	2.1
14-Dec-04	0	0	0	0	0	0	0	0	0	0	27.8	1.6	3.2
24-Feb-05	0	0	0	0	0	0	0	0	0	0	2.4	1.1	1.5
28-Jul-05	0	0	0	0	0	0	0	0	0	0	1.9	0.8	1.3
10-Feb-06	0	0	0	0	0	0	0	0	0	0	12.3	0.1	0.6
06-Sep-06	0.5	0	0	0	0	0	0	0	0	0	15.1	0	0
06-Feb-07	0	0	0	0	0	0	0	0	0	0	11.2	0.2	0.4
10-Aug-07	0	0	0	0	0	0	0	0	0	0	0	0.6	0.8

TABLE E4 - GAS CONCENTRATION READINGS - PROPERTY BOUNDARY MONITORS

Date	2-II % vol	4-III % vol	5-II % vol	12-III % vol	14-III % vol	15-V % vol	16-IV % vol	16-V % vol	19-IV % vol	20-IV % vol
26-Jan-98	0	0	0	0	0	0	0	0	0	0
20-Mar-98	0	0	0	0	0	0	0	0	0	0
16-Sep-98	0	0	0	0	0	0	0	0	0	0
21-Oct-98	0	0	0	0	0	0	0	0	0	0
10-Dec-98	0	0	0	0	0	0	0	0	0	0
12-Jan-99	0	0	0	0	0	0	0	0	0	0
16-Feb-99	0	0	0	0	0	0	0	0	0	0
18-Mar-99	0	0	0	0	0	0	0	0	0	0
13-Apr-99	0	0	0	0	0	0	0	0	0	0
20-May-99	0	0	0	0	0	0	0	0	0	0
16-Jun-99	0	0	0	0	0	0	0	0	0	0
24-Jul-99	0	0	0	0	0	0	0	0	0	0
18-Aug-99	0	0	0	0	0	0	0	0	0	0
21-Sep-99	0	0	0	0	0	0	0	0	0	0
14-Oct-99	0	0	0	0	0	0	0	0	0	0
23-Nov-99	0	0	0	0	0	0	0	0	0	0
27-Jan-00	0	0	0	0	0	0	0	0	0	0
16-Feb-00	0	0	0	0	0	0	0	0	0	0
22-Mar-00	0	0	0	0	0	0	0	0	0	0
18-Apr-00	0	0	0	0	0	0	0	0	0	0
21-Jun-00	0	0	0	0	0	0	0	0	0	0
18-Jul-00	0	0	0	0	0	0	0	0	0	0
24-Aug-00	0	0	0	0	0	0	0	0	0	0
19-Oct-00	0	0	0	0	0	0	0	0	0	0
14-Nov-00	0	0	0	0	0	0	0	0	0	0
15-Dec-00	0	0	0	0	0	0	0	0	0	0
21-Feb-01	0	0	0	0	0	0	0	0	0	0
11-Apr-01	0	0	0	0	0	0	0	0	0	0
20-Jun-01	0	0	0	0	0	0	0	0	0	0
03-Aug-01	0	0	0	0	0	0	0	0	0	0
15-Oct-01	0	0	0	0	0	0	0	0	0	0
04-Dec-01	0	0	0	0	0	0	0	0	0	0
14-Jan-02	0	0	0	0	0	0	0	0	0	0
19-Mar-02	0	0	0	0	0	0	0	0	0	0
15-May-02	0	0	0	0	0	0	0	0	0	0
16-Jul-02	0	0	0	0	0	0	0	0	0	0
12-Sep-02	0	0	0	0	0	0	0	0	0	0
18-Nov-02	0	0	0	0	0	0	0	0	0	0
13-Feb-03	0	0	0	0	0	0	0	0	0	0
17-Apr-03	0	0	0	0	0	0	0	0	0	0
19-Jun-03	0	0	0	0	0	0	0	0	0	0
13-Aug-03	0	0	0	0	0	0	0	0	0	0
21-Oct-03	0	0	0	0	0	0	0	0	0	0
20-Jul-04	0	0	0	0	0	0	0	0	0	0
17-Sep-04	0	0	0	0	0	0	0	0	0	0
14-Dec-04	0	0	0	0	0	0	0	0	0	0
24-Feb-05	0	0	0	0	0	0	0	0	0	0
28-Jul-05	0	0	0	0	0	0	0	0	0	0
10-Feb-06	0	0	0	0	0	0	0	0	0	0
06-Sep-06	0	0	0	0	0	0	0	0	0	0
06-Feb-07	0	0	0	0	0	0	0	0	0	0
10-Aug-07	0	0	0	0	0	0	0	0	0	0

TABLE E5 - GAS CONCENTRATION AND PRESSURE MEASUREMENTS - GP SERIES PROBES

Date	Probe	97-1	Probe	97-2	Probe	97-3	Probe	97-4	Probe	97-5	Probe	00-06	Probe	00-07
	SW corner of Site		(N of Main Pump Station)		(NE of Storage Bldg)		(NE of Main Office)		(N of maintenance Shed)		(Flower bed adjacent to calehouse		(Near Main PS - replaces 97-2))	
	Methane (% in air)	Pressure (in. W.C.)	Methane (% in air)	Pressure (in. W.C.)	Methane (% in air)	Pressure (in. W.C.)	Methane (% in air)	Pressure (in. W.C.)	Methane (% in air)	Pressure (in. W.C.)	Methane (% in air)	Pressure (in. W.C.)	Methane (% in air)	Pressure (in. W.C.)
06-Aug-97	0	0	56	0	12	0	45	0	0.03	0				
11-Aug-97	0.01	0	55	0.1	10	0.1	39	0	0.21	0				
21-Aug-97	0	0	54	0.1	21	0.1	43	0	0.7	0				
27-Aug-97	0.02	0	53	0.1	14	0.1	43	0	0.6	0				
03-Sep-97	0.015	0	54	0	15	0	43	0	0.7	0				
08-Sep-97	0.025	0	54	0.1	17	0.1	43	0	0.27	0				
15-Sep-97	0.03	0	51	0.1	14	0.1	44	0	2.6	0				
30-Sep-97	0.01	0	54	0.1	11	0.1	43	0	0.55	0				
26-Sep-97	0.01	0	52	0	13	0.1	36	0	1.45	0				
08-Oct-97	0	0	54	0.1	12	0	44	0	0.43	0				
21-Oct-97	0	0	55	0.1	14	0	45	0	0.23	0				
29-Oct-97	0	0	55	0	15	0	45	0	0.05	0				
04-Nov-97	0	0	54	0	11	0	45	0	0.1	0				
26-Jan-98	0.01	0	53	0	17	0	43	0	0	0				
20-Mar-98	0.05	0	53	0.1	12	0.1	42	0	0.23	0				
27-May-98	0	0	52	0.1	15	0.1	46	0	0.26	0				
16-Sep-98	0.05	0	55	0.1	20	0	48	0	0.2	0				
21-Oct-98	0.02	0	55	0.1	15	0.1	47	0	0.36	0				
10-Dec-98	0.01	0	59	0.1	20	0.1	49	0	0.46	0				
12-Jan-99	0	0	51	0	16	0	4.4	0	0.4	0				
16-Feb-99	0	0	54	0	14	0	3.6	0	0.65	0				
18-Mar-99	0.01	0	48	0	17	0	42	0	0.35	0				
13-Apr-99	0	0	49	0	18	0	31	0	0.5	0				
20-May-99	0	0	54	0	14	0	5	0	0.45	0				
16-Jun-99	0.02	0	51	0	13	0	22	0	0.55	0				
15-Jul-99	0	0	53	0	14	0	38	0	0.2	0				
24-Aug-99	0	0	54	0	13	0	3.6	0	0.45	0				
21-Sep-99	0	0	52	0	15	0	2.05	0	0.5	0				
14-Oct-99	0	0	53	0	17	0	24	0	0.4	0				
23-Nov-99	0	0	52	0	23	0	6	0	0.6	0				
27-Jan-00	0	0	0	0	20	0	5	0	0.4	0				
16-Feb-00	0	0	0.05	0	25	0	41	0	0.2	0				
22-Mar-00	0	0	0.05	0	35	0	46	0	0.1	0				
18-Apr-00	0	0	0	0	42	0	4.1	0	0.3	0				
21-Jun-00	0	0	0.05	0	52	0	34	0	0.2	0				
18-Jul-00	0	0	0	0	34	0	5.5	0	0.15	0				
24-Aug-00	0	0	probe decommissioned		20	0	42	0	0.45	0				
11-Oct-00	0	0	and replaced with 00-07		50	0	46	0	1.05	0	47	0	0	0
12-Oct-00	0	0			50	0	45	0	0.65	0	47	0	0	0
19-Oct-00	0	0			39	0	44	0	0.4	0	48	0	4.85	0
23-Oct-00	0	0			50	0	45	0	0.1	0	48	0	0.55	0
31-Oct-00	0	0			51	0	45	0	0.05	0	50	0	3.7	0
14-Nov-00	0	0			43	0	44	0	0.15	0	46	0	0.8	0
15-Dec-00	0	0			49	0	41	0	0.05	0	39	0	0.55	0
21-Feb-01	0	0			10	0	29	0	0	0	0.5	0	0.2	0
11-Apr-01	0	0			0	0	0.7	0	0	0	22	0	0	0
20-Jun-01	0	0			0	0	0.15	0	0	0	0.7	0	0.5	0
03-Aug-01	0.01	0			0	0	0.05	0	0	0	30	0	0.4	0
15-Oct-01	0	0			0.2	0	0.3	0	0	0	0	0	0.1	0
04-Dec-01	0.015	0			26	0	44	0	0	0	54	0	1.05	0
14-Jan-02	0	0			7	0	0.5	0	0	0	39	0	0.4	0
19-Mar-02	0.05	0			0	0	0.05	0	0	0	0.5	0	0.3	0
15-May-02	0	0			0.05	0	0.6	0	0	0	19	0	0	0
16-Jul-02	0.02	0			0	0	0.05	0	0	0	0.05	0	0.1	0
12-Sep-02	0.1	0			0.1	0	0.75	0	0	0	22	0	0.05	0
18-Nov-02	0	0			0	0	1.95	0	0	0	53	0	0	0
13-Feb-03	0	0			0.05	0	0.2	0	0	0	1.45	0	0	0
17-Apr-03	0	0			0	0	0.1	0	0	0	0.85	0	0	0
19-Jun-03	0.05	0			0.05	0	0.45	0	0	0	0.45	0	0	0
13-Aug-03	0	0			0.05	0	0.15	0	0	0	0	0	0	0
21-Oct-03	1	0			0	0	0.05	0	0	0	11	0	0	0
20-Jul-04	0	0			0	0	0	0	0	0	2.1	0	0	0
17-Sep-04	0	0			0	0	1	0	0	0	2.9	0	0	0
14-Dec-04	0	0			0	0	0	0	0	0	3.5	0	0	0
24-Feb-05	0	n/a			0	n/a	0	n/a	0	n/a	1	n/a	0	n/a
12-May-05	0	n/a			0	n/a	0	n/a	0	n/a	2.1	n/a	0	n/a
28-Jul-05	0	n/a			0	n/a	0	n/a	0	n/a	0.3	n/a	0	n/a
07-Nov-05	0	n/a			0	n/a	0	n/a	0	n/a	3.2	n/a	0	n/a
10-Feb-06	0	n/a			0.9	n/a	0	n/a	0	n/a	8.2	n/a	0.6	n/a
13-Apr-06	0	n/a			6.3	n/a	0	n/a	0	n/a	19.3	n/a	0.9	n/a
06-Sep-06	0	n/a			19.2	n/a	0	n/a	0	n/a	58.1	n/a	1.3	n/a
06-Dec-06	0	n/a			4.1	n/a	0	n/a	0	n/a	45.6	n/a	0	n/a
06-Feb-07	0	n/a			3.2	n/a	0	n/a	0	n/a	41.3	n/a	0.3	n/a
22-May-07	0	n/a			15.2	n/a	0.1	n/a	0	n/a	32.3	n/a	0	n/a
10-Aug-07	0	n/a			19.5	n/a	0.7	n/a	0	n/a	37.2	n/a	0	n/a
20-Nov-07	0	n/a			20.1	n/a	0	n/a	0	n/a	47.3	n/a	0	n/a

TABLE E6 - METHANE GAS CONCENTRATION READINGS - SOUTH LEACHATE COLLECTION SYSTEM

Date	MH AS	MH BS	MH 1S	MH 2S	MH 3S	MH 4S	MH 5S	MH 5SA	SPS	OSPS	MH 6S	MH 7S	MH 8S
	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol
10-Feb-93	n/a	n/a	0	0	0.15	0.35	0.85	n/a	0.25	0.1	2.5	8	18
26-Mar-93	n/a	n/a	0	0	0	0	0.8	n/a	0	0	0	15	45
29-Apr-93	n/a	n/a	0	0	0	0	0.2	n/a	0	0	1.75	4.2	10
21-May-93	n/a	n/a	0	0	0	0	0.2	n/a	0	0	1.5	5	13
21-Jun-93	n/a	n/a	0	0	0	0	0.3	n/a	0.35	0	2.9	8	20
16-Jul-93	n/a	n/a	0	0	0	0	0	n/a	15	0.4	0.3	6	45
10-Aug-93	n/a	n/a	0	0	0	0	0	n/a	20	0.8	2.95	25	45
16-Sep-93	n/a	n/a	0	0	0	0	0	n/a	2.7	0.4	3.6	18	38
13-Oct-93	n/a	n/a	0	0	0	0	0	n/a	1.4	0	2.45	12	32
24-Nov-93	n/a	n/a	0	0	0	0	0	n/a	2.45	0	4.1	18	38
17-Dec-93	n/a	n/a	0	0	0	0	0	n/a	3.7	0	12	25	40
19-Jan-94	0	0	0	0	0	0	0	0	2.6	0	8	20	35
11-Feb-94	0	0	0	0	0	0	0	0	0	0	6	8	25
10-Mar-94	0	0	0	0	0	0	0	0	2.6	3.2	0.15	0.75	4.1
19-Apr-94	0	0	0	0	0	0	0	0	0	0	0	7	0
12-May-94	0.1	0	0	0	0	0	0	0	0	0	0	6	0
23-Jun-94	0	0	0	0	0	0	0	0	0	0.35	0	2.8	0
12-Jul-94	0	0	0	0	0	0	0	0	0	5	5	7	5
10-Aug-94	0	0	0	0	0	0	0	0	0.5	0	0	1.45	0.8
16-Sep-94	0	0.1	0	0.25	0.15	0.05	0	0.35	0.85	0.4	0.15	15	0.6
12-Oct-94	0	0	0	0	0	0.7	0	10	0	0	5	0.45	6
11-Nov-94	0.2	0	0	0	0	0.2	0.7	0.55	0.7	0.05	0.05	3.95	0.3
14-Dec-94	3.25	0.6	0	0	0	6	0.9	6	3.3	0	0.2	5	0.4
17-Jan-95	0	0	0	0	0	0	0	0	0.05	0	0	2.35	0.1
09-Feb-95	0	0	0	0	0	0	0	1.05	0.75	0.15	0	1.85	0.025
10-Mar-95	0.9	0	0.35	2.75	0.9	1.75	0.95	58	0.4	1.55	3.05	40	1.8
13-Apr-95	0.6	0	0.25	3.1	1.6	16	3.25	56	3.1	1.9	2.7	37	7
18-May-95	0	0.55	0.25	0.1	0.3	8	0.1	4.05	1.55	0.4	1	52	12
30-Jun-95	0	0	0	0	0.1	33	0.55	48	18	0.1	9	43	1.35
20-Jul-95	0	0	0	0	0	43	1.65	52	10	0	10	37	1.9
21-Sep-95	0	1.2	8	0.2	1	36	0	52	1	0.5	0	40	4.85
18-Oct-95	0	2.2	8	1.75	2.6	38	0	54	1.9	0.8	0	35	8
22-Nov-95	0.55	0.45	0	0	0.6	0.65	0	0.15	0	0	0.75	2.5	2.3
21-Dec-95	3.85	1.4	0	0	0	1.45	0	32	40	0.8	0.8	36	2.15
09-Jan-96	1.65	0	0	0	0	38	0.15	53	35	0.15	4.6	36	1.2
08-Feb-96	1.85	0	0	0	0.05	47	49	50	0.05	4	18	51	5.25
08-Mar-96	5	0	0	0.05	0	31	0	45	0	0.55	11	31	10

TABLE E6 - METHANE GAS CONCENTRATION READINGS - SOUTH LEACHATE COLLECTION SYSTEM

Date	MH AS	MH BS	MH 1S	MH 2S	MH 3S	MH 4S	MH 5S	MH 5SA	SPS	OSPS	MH 6S	MH 7S	MH 8S
	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol
18-Apr-96	0.01	0	2.5	0.2	0	0.35	0.7	0.3	0.05	0	0.95	45	1.25
16-May-96	5.5	0	0	0	18	0.7	0.65	0.4	0.1	0	4.25	50	2
16-Jul-96	2.3	1	0	0	0	31	0.5	0.35	0	0	1.4	37	2.75
26-Sep-96	1	0.7	0.45	0	0	45	1.9	49	23	2.7	2.5	48	2.9
01-Nov-96	0.07	0.05	0	0	0	42	0.5	45	0.05	0.05	0.4	35	1.2
28-Nov-96	0.07	0	0.02	2.25	1.05	1.55	0.65	48	0.04	1.8	3.1	46	1.3
13-Dec-96	0.45	0.4	0.25	0	0	46	0.25	50	33	2	0.65	46	0.95
27-Jan-97	0.1	7	0.15	0	0.05	37	0.15	54	36	2	0.85	31	0.7
11-Feb-97	5	0.35	0	0	0	5.5	0	10	0.05	0.55	0.7	43	0.7
12-Mar-97	4	0.2	0	0	0	4.5	0	2	0	0.1	0.65	57	0.5
30-Apr-97	16	0.15	0	0	0	42	1	52	0	0	9	46	2.3
27-May-97	0	2.15	0.4	0.15	0	41	0.65	0.05	0.05	0	2.9	28	0.05
14-Aug-97	0	4.65	0	1.15	0	2	0	33	8	0	1.35	26	1.25
30-Sep-97	0	10	0.6	0.45	0.75	8	0	40	5.1	0.15	0	0.05	0
18-Nov-97	0	9	0.6	0.2	0.55	6	0	35	5.4	0.05	0	0.05	0
26-Jan-98	19	0	0.15	0	0	44	0.2	49	39	n/a	1.85	35	0.65
20-Mar-98	26	0.15	0	0	3.6	44	0.65	52	0	n/a	22	24	0.05
27-May-98	18	0.05	0	0	2.75	21	0.5	41	0	n/a	14	15	0.05
16-Sep-98	9	0	0	0	3.75	23	0.45	35	0	n/a	18	11	0
21-Oct-98	0	1.1	0	0.1	0.65	7	0.5	41	0.75	n/a	2.4	8	0
10-Dec-98	0.6	0	0	0.05	0	10	0.4	51	0.05	n/a	2.25	0.1	0
12-Jan-99	0	7	0.5	0.1	0.15	1	0	32	0	0	0	0.05	0
16-Feb-99	0	0	0.05	0	0.35	3	0	22	0	0	0	0.2	0
18-Mar-99	0	3	0	0	0.6	0.05	0	19	0	0	0	0.1	0
13-Apr-99	0	0.05	0	0	0.45	2	0	27	0	0	0	0.05	0
20-May-99	0	0	0	0	0.1	3	0	24	0	0	0	0.15	0
16-Jun-99	0	0	0	0	0.05	0.05	0	19	0	0	0	0.05	0
24-Jul-99	0	0	0	0	0	0	0	25	0	0	0	0.05	0
18-Aug-99	0	0	0	0	0	0	0	14	0	0	0	0	0
21-Sep-99	0	0	0	0	0	0	0	12	0	0	0	0	0
14-Oct-99	0	0	0	0	0	0	0	9	0	0	0	0	0
23-Nov-99	0	0	0	0	0	0	0	16	0	0	0	0	0
27-Jan-00	0	0	0	0	0	0	0	21	0	0	0	0	0
16-Feb-00	0	0	0	0	0	0	0	15	0	0	0	0	0
22-Mar-00	8	0.05	0	0.05	0	12	0.05	34	0.1	0	0.35	24	0.5
18-Apr-00	4.5	0.1	0	0	0	4.5	0.15	36	0.45	0	0.05	4	0.3
21-Jun-00	9	0.05	0	0	0.05	2.85	0.05	29	0.35	0	0.35	2	0

TABLE E6 - METHANE GAS CONCENTRATION READINGS - SOUTH LEACHATE COLLECTION SYSTEM

Date	MH AS	MH BS	MH 1S	MH 2S	MH 3S	MH 4S	MH 5S	MH 5SA	SPS	OSPS	MH 6S	MH 7S	MH 8S
	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol
18-Jul-00	9	0.1	0	0	0	17	0.1	43	0.3	0	0.4	19	0.5
24-Aug-00	8	0	0.05	0	0	3.95	0.1	51	0	0	0.5	23	0.5
19-Oct-00	9	0.1	0	0.05	0.05	16	0.05	52	0.4	0	0.4	21	0.45
14-Nov-00	10	0.1	0.05	0.05	0.05	19	0.15	37	0.45	0	0.45	28	0.45
15-Dec-00	7	0	0	0	0	32	0.05	32	0.15	0	0.15	22	0.05
21-Feb-01	0	0.05	0	0.05	0	0.55	0.05	41	0.05	0	0.1	25	0.1
11-Apr-01	0.1	0	0	0	0.05	12	0.05	49	0	0	0.05	18	0.1
20-Jun-01	0.05	0	0	0	0.05	14	0.1	38	0.05	0	0.05	19	0.1
03-Aug-01	0.1	0	0	0.05	0.05	29	0.2	49	0	0	0.05	25	0.1
15-Oct-01	0.05	0.05	0	0	0.05	10	0.1	56	0	0	0.05	13	0.05
04-Dec-01	0	0	0	0	0	12	0.05	62	0	0	0.05	10	0.05
14-Jan-02	0.05	0	0	0	0.05	15	0.1	72	0.05	0	0.1	16	0.05
19-Mar-02	0.1	0	0	0	0	12	0.15	42	0.15	0	0.1	18	0.3
15-May-02	0.05	0	0	0	0	9	0.05	36	0.05	0	0.05	24	0.05
16-Jul-02	0.1	0	0	0	0	11	0.05	45	0.05	0	0.1	19	0.1
12-Sep-02	0	0	0	0	0	8	0.1	55	0	0	0.1	16	0.05
18-Nov-02	0.1	0.05	0	0	0	14	0.1	49	0	0	0.05	22	0.05
13-Feb-03	0.05	0	0	0	0	11	0.05	30	0	0	0.05	12	0.1
17-Apr-03	0.1	0	0	0	0	9	0.1	47	0	0	0.1	9	0.05
19-Jun-03	0.05	0	0	0	0	8	0	31	0.05	0	0.1	18	0.05
13-Aug-03	0.05	0	0	0	0	10	0.05	64	0	0	0.05	13	0.05
21-Oct-03	0.05	0	0	0	0	9	0.05	89	0	0	0.05	19	0
20-Jul-04	32.1	7.8	2.1	0.2	4.3	39.4	48.3	43.3	0.1	0	22.3	37.8	33.4
17-Sep-04	49.4	9.5	3.2	0	19.1	61.3	59.3	41.3	2.3	0	29.3	34.0	28.4
14-Dec-04	52.4	11.7	1.5	0	22.9	65.6	62.6	47.1	9.9	0	27.8	40.0	25.9
24-Feb-05	8.9	4.6	0	0	2.1	22.8	21.4	48.6	0	0	32.8	34.6	31.2
12-May-05	9.5	5.4	0.9	0	0	25.3	28.6	47.3	0	0	24.3	31.2	26.3
28-Jul-05	7.4	6.1	1.3	0.1	0.3	41	43	49.4	0	0	16.3	27.4	29.1
07-Nov-05	7.6	3.1	0.3	0.1	0	34.5	39.3	41.2	0.7	0	25.7	33.8	29.2
10-Feb-06	0	0	0	0	0.1	17.4	3	31.4	0	0	3.1	52.3	3.2
13-Apr-06	0	0.1	0	0	0.3	0.7	3.2	1.2	0	0	2.1	17.3	1.9
06-Sep-06	0	0	0	0	1.1	34.3	20.7	0	0	0	7.1	51.9	4.5
06-Dec-06	0	0	0	0	0.6	23.1	11.2	0	0	0	9.2	21.4	1.2
06-Feb-07	0	0	0	0	0	15.3	17.2	11.3	0	0	4.3	48.2	3.2
22-May-07	0	0	0	0	0	8.4	16.2	41.2	0	0	2.1	49.7	1.1
10-Aug-07	0	0	0	0	0	10.5	12.3	48.4	0	0	0.4	53.4	0.8
20-Nov-07	0	0	0	0	0	4.3	10.4	47.5	0	0	0.6	45.3	1

TABLE E7 - METHANE GAS READINGS - WEST COLLECTION SYSTEM AND MAIN STATION

Date	MPS	OMPS	MH 1W	MH 2W	MH 3W	MH 4W	MH 5W	WPS	OWPS	MH 6W	MH 7W	MH 8W	MH 9W
	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol
10-Feb-93	0	0	0	0	0	0	0.25	0	0	0.6	0.2	0.35	50
26-Mar-93	0	0	0	0	0	0	0.7	0	0	0	0	16	45
29-Apr-93	0	0	0	0	0	0	0	0	0	0	0	48	55
21-May-93	0	0	0	0	0	0	0	0	0	0	0	48	55
21-Jun-93	0	0	0	0	0	0	0	0.3	0	0	0	25	55
16-Jul-93	0	0	0	0	0	0	0.35	0	0.3	10	35	50	55
10-Aug-93	0	0	0	0	0	0	1.95	5	0.2	10	35	55	55
16-Sep-93	0	0	0	0	0	0	0.9	2.2	0.4	2.8	4.45	45	55
13-Oct-93	0	0	0	0	0	0	0	0.65	0	2	18	35	55
24-Nov-93	0	0	0	0	0	0	0	0.35	0	1.6	12	50	50
17-Dec-93	0	0	0	0	0	0	0	0.8	0.3	18	25	50	50
19-Jan-94	0	0	0	0	0	0	0	0.4	0.3	15	17	50	48
11-Feb-94	0	0	0	0	3.9	0.8	0.65	0.45	0.05	15	5	50	55
10-Mar-94	0	0	0	0	0	0	0	0.85	0.25	0	3.6	6	6
19-Apr-94	0	0	0	0	0	0	0	0.8	0	0	17	8	25
12-May-94	0	0	0	0	0	0	0.75	2.75	0.4	0.05	2.95	5	25
23-Jun-94	0	0	0	0	0	0	0	0.5	3.1	0	0	0	13
12-Jul-94	0.85	0	0	0	0	0	0	0.1	8	0	0.05	0.2	8
10-Aug-94	0	0.1	0	0	0	0	0	0.1	0.15	0	0	8	15
16-Sep-94	0.05	0.2	0	0	0	0	0	0.55	1.2	0	0	2.45	5
12-Oct-94	0	0	0	0	0	0	0	0.45	0.85	0	0.2	3.15	10
11-Nov-94	0.15	0.05	0	0	0	0	0	0.05	0.1	0	0.1	3.75	5
14-Dec-94	0	0	0	0	0	0	0	0.85	0	0	0.9	4	18
17-Jan-95	0.4	0	0	0	0	0	0	0.95	0.55	0.65	0.15	0.85	5
09-Feb-95	0.2	0	0	0	0	0	0	0.85	0.1	0	0	1.05	5
10-Mar-95	0	0	0	0	0	0	0.65	1.25	2.75	2.1	0.6	25	52
13-Apr-95	0	0	0	0	0	0	2.55	1.1	2	4.4	9	22	57
18-May-95	0.35	0.45	0	0	0	0	0	1.4	0.15	0	0	1.4	60
30-Jun-95	0.15	0.1	0	0	0	0	0.5	1	0	0.15	0.3	1	1.9
20-Jul-95	1.8	0.35	0	0	0	0	0.35	1.45	0	0.45	0.35	1.45	2.85
21-Sep-95	0	0	0	0	0	0	0.4	0.3	0.5	1.1	0.6	0.3	50
18-Oct-95	0	0	0	0	0	0	0	0.4	0.3	1.5	2.3	0.4	54
22-Nov-95	0.1	0.45	0	0	0	0	0.9	0	1.95	0.4	0.6	0	0.9
21-Dec-95	0	0.65	0	0	0	0	1.2	0	3.55	3	0.2	0	0.85
09-Jan-96	0.2	2.75	0	0	0	0.55	2.45	4.95	3.05	5	1.1	4.95	1.6
08-Feb-96	0.55	0.6	0	0.4	1.25	2.25	12	0	5.45	5.3	10	0	20
08-Mar-96	0.05	3.95	0.05	0.05	0.4	3.55	2.55	0	0.2	0.55	0.6	0	19
18-Apr-96	0.35	0.05	0	0	0	0.35	0.55	0	0.15	0.1	0.35	0	0.05
16-May-96	0.15	0.65	0	0	0	0.05	0.35	0	0	0.15	0.1	0	49

TABLE E7 - METHANE GAS READINGS - WEST COLLECTION SYSTEM AND MAIN STATION

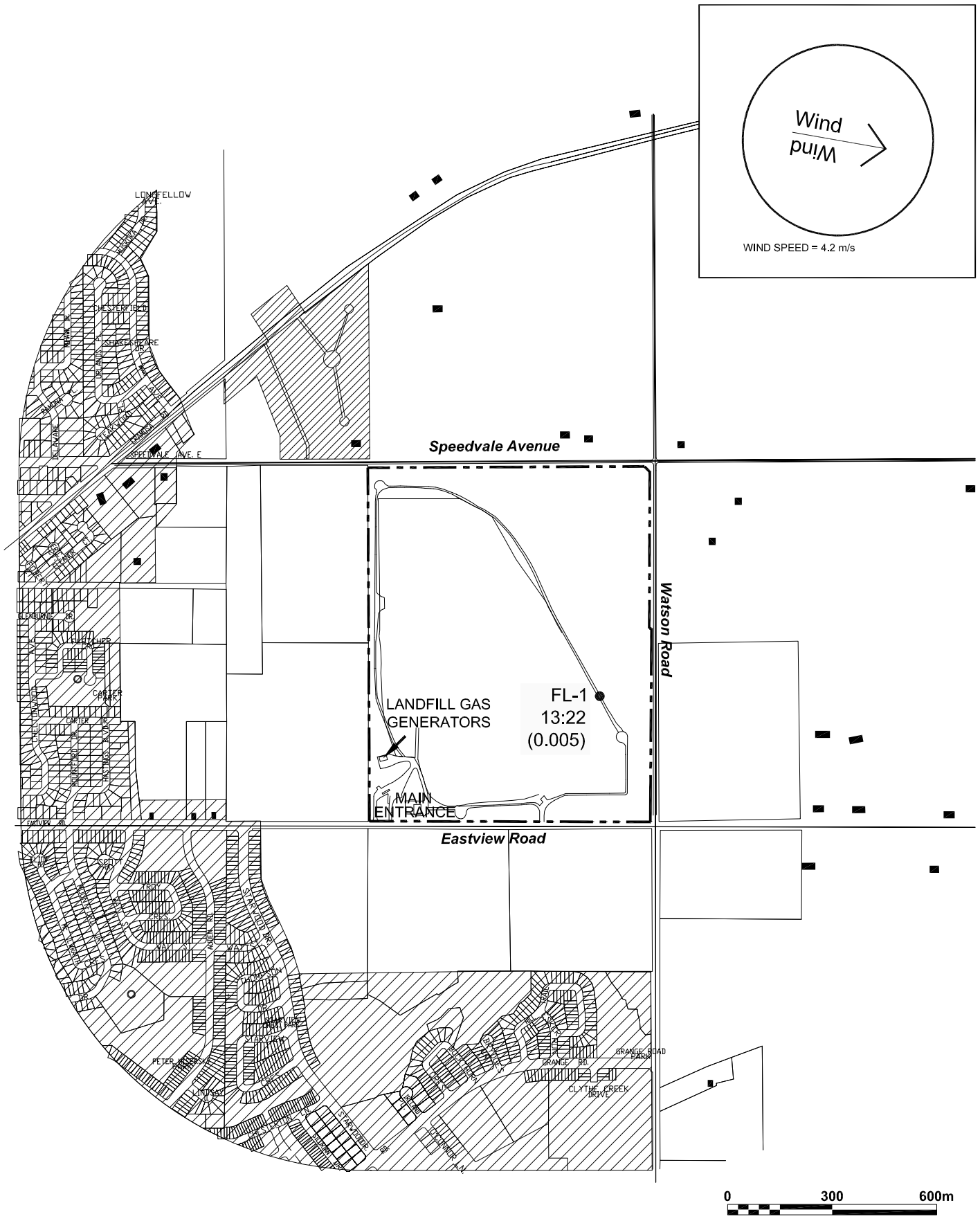
Date	MPS	OMPS	MH 1W	MH 2W	MH 3W	MH 4W	MH 5W	WPS	OWPS	MH 6W	MH 7W	MH 8W	MH 9W
	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol
16-Jul-96	0.2	0.2	0	0	0	0.05	1.25	1.05	0	4.45	0.4	1.05	40
26-Sep-96	0.85	1.45	0	0	0	0.15	1.1	1.1	1.5	0.55	0.25	1.1	50
01-Nov-96	0.35	4.45	0	0	0	0.4	1.1	3.35	0.15	0.15	0.15	0	49
28-Nov-96	0	0	0	0	0	0	0.6	1.4	2.25	2.35	0.9	28	51
13-Dec-96	1.2	0.1	0	0	0	0.4	0.35	0	1.8	0	0.05	0	50
27-Jan-97	0.95	0.05	0	0	0	0.45	0.3	0	1.95	0	0.1	0	52
11-Feb-97	0.1	2.3	0	0	0	0.3	1.55	0	0.05	0.45	0.25	0	2.25
12-Mar-97	0	1.5	0	0	0	0.1	0.75	0	0	0.1	0.1	0	2.55
30-Apr-97	0	0.35	0	0	0	0.2	3.05	0	0.15	0.7	1.35	0	51
27-May-97	0.2	1.9	0	0	0	0	0	0	0.05	0	0.05	0	50
14-Aug-97	0	0.5	0	0	0	0	0	0	0	0	0.05	0	49
30-Sep-97	0	0.15	0	0	0	0	0	0	0.2	0	0	0	0
18-Nov-97	0	0.05	0	0	0	0	0	0	0.1	0	0	0	0
26-Jan-98	0	n/a	0	0	0	0	0	0	n/a	0	0.05	0	51
20-Mar-98	0.2	1.4	0	0	0	0	0	0.5	n/a	9	0.05	0.5	50
27-May-98	0.1	1.8	0	0	0	0	0	0.25	n/a	2	0	0.25	55
16-Sep-98	0	0.2	0	0	0	0	0	0.15	n/a	1	0	0.15	75
21-Oct-98	0	0.1	0	0	0	0	0	0	n/a	0.05	0	0	60
10-Dec-98	0	0.1	0	0	0	0	0	0.05	n/a	0	0	0.05	65
12-Jan-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0
16-Feb-99	0	0	0	0	0	0	0	0.05	n/a	0	0	0.05	0
18-Mar-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0.1
13-Apr-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0.05
20-May-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0.05
16-Jun-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0.05
24-Jul-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0
18-Aug-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0.05
21-Sep-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0
14-Oct-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0
23-Nov-99	0	0	0	0	0	0	0	0	n/a	0	0	0	0
27-Jan-00	0	0	0	0	0	0	0	0	n/a	0	0	0	0
16-Feb-00	0	0	0	0	0	0	0	0	n/a	0	0	0	0
22-Mar-00	0	0	0	0	0	0	0	0	n/a	2	0.7	0	46
18-Apr-00	0	0	0	0	0	0	0	0	n/a	3.45	0.45	0	46
21-Jun-00	0	0	0	0	0	0	0	0	n/a	3.95	0.6	0	39
18-Jul-00	0	0	0	0	0	0	0	0	n/a	2.6	0.35	0	0.85
24-Aug-00	0	0	0	0	0	0	0	0	n/a	4.1	0.6	0	29
19-Oct-00	0	0	0	0	0	0	0	0	n/a	3.7	0.5	0	39
14-Nov-00	0	0	0	0	0	0	0.5	0	n/a	3.3	0.75	0	42

TABLE E7 - METHANE GAS READINGS - WEST COLLECTION SYSTEM AND MAIN STATION

Date	MPS	OMPS	MH 1W	MH 2W	MH 3W	MH 4W	MH 5W	WPS	OWPS	MH 6W	MH 7W	MH 8W	MH 9W
	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol	% vol
15-Dec-00	0	0	0	0	0	0	0.1	0	n/a	3.6	0.45	0	4
21-Feb-01	0	0	0	0	0	0	0	0	n/a	1.15	0.1	0	31
11-Apr-01	0	0	0	0	0	0	0.05	0	n/a	0.5	0	0	65
20-Jun-01	0	0	0	0	0	0	0.05	0	n/a	0.45	0.05	0	71
03-Aug-01	0	0	0	0	0	0	0	0	n/a	0.3	0.05	0	67
15-Oct-01	0	0	0	0	0	0	0.05	0	n/a	0.2	0.05	0	58
04-Dec-01	0	0	0	0	0	0	0	0	n/a	0.1	0	0	45
14-Jan-02	0	0	0	0	0	0	0	0	n/a	0.75	0.05	0	64
19-Mar-02	0	0	0	0	0	0	0.1	0	n/a	0.85	0.4	0	71
15-May-02	0	0	0	0	0	0	0	0	n/a	0.7	0	0	61
16-Jul-02	0	0	0	0	0	0	0	0	n/a	1.7	0.05	0	77
12-Sep-02	0	0	0	0	0	0	0	0	n/a	0.75	0.05	0	81
18-Nov-02	0	0	0	0	0	0	0	0	n/a	0.55	0	0	72
13-Feb-03	0	0	0	0	0	0	0	0	n/a	0.35	0	0	89
17-Apr-03	0	0	0	0	0	0	0	0	n/a	0.55	0	0	91
19-Jun-03	0	0	0	0	0	0	0	0	n/a	0.85	0	0	81
13-Aug-03	0	0	0	0	0	0	0	0	n/a	0.65	0	0	75
21-Oct-03	0	0	0	0	0	0	0	0	n/a	0.45	0	0	64
20-Jul-04	0	0	0	0	0	0	0	0	n/a	0	0	0	0
17-Sep-04	0	0	0.1	0	0	0	0	0	n/a	0	14.2	41.9	54.8
14-Dec-04	0	0	0.6	0	0	0	0	0	n/a	0	16.7	42.7	51.6
24-Feb-05	0	0	0	0	0	0	0	0	n/a	0	0	37.2	53.4
12-May-05	0	0	0	0	0	0	0	0	n/a	0	2.1	32.4	48.7
28-Jul-05	0	0	0	0	0	0	0	0	n/a	0	0	29.4	47.8
07-Nov-05	0	0	0	0	0	0	0	0	n/a	0	3.3	25.7	51.1
10-Feb-06	0	0	0	0	0	0	0	0	n/a	0	0	0.3	5.2
13-Apr-06	0	0	0	0	0	0	0	0	n/a	0	0	0.9	3.9
06-Sep-06	0	0	0	0	0	0	0	0	n/a	0	0	1.8	2.7
06-Dec-06	0	0	0	0	0	0	0	0	n/a	0	0	1.7	1.2
06-Feb-07	0	0	0	0	0	0	0	0	n/a	0	0	0.6	2.3
22-May-07	0	0	0	0	0	0	0	0	n/a	0	0	0	4.7
10-Aug-07	0	0	0	0	0	0	0	0	n/a	0	0	0	5.9
20-Nov-07	0	0	0	0	0	0	0	0	n/a	0	0	0	5.2

Appendix F

Air Quality Monitoring Results



Ambient Vinyl Chloride Concentrations and Wind Direction

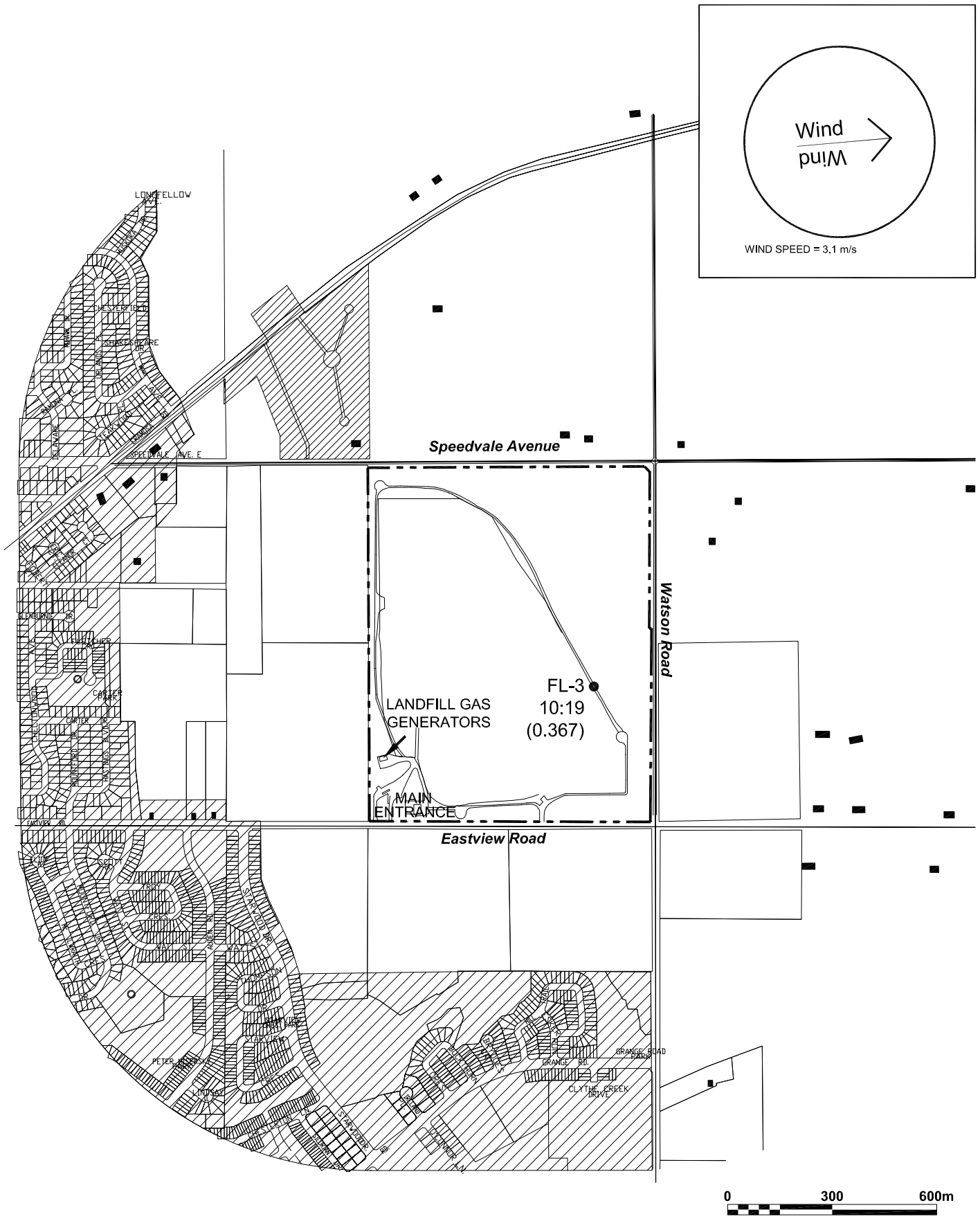
1/2 Hour Sample Concentration Shown in µg/m³
Time Indicates Start of Sample Period
August 14, 2007
Eastview Landfill Site - Guelph, Ontario

Project #W07-5244

True North

Drawn by: KAR	Figure: **7.1.1**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Vinyl Chloride Concentrations and Wind Direction

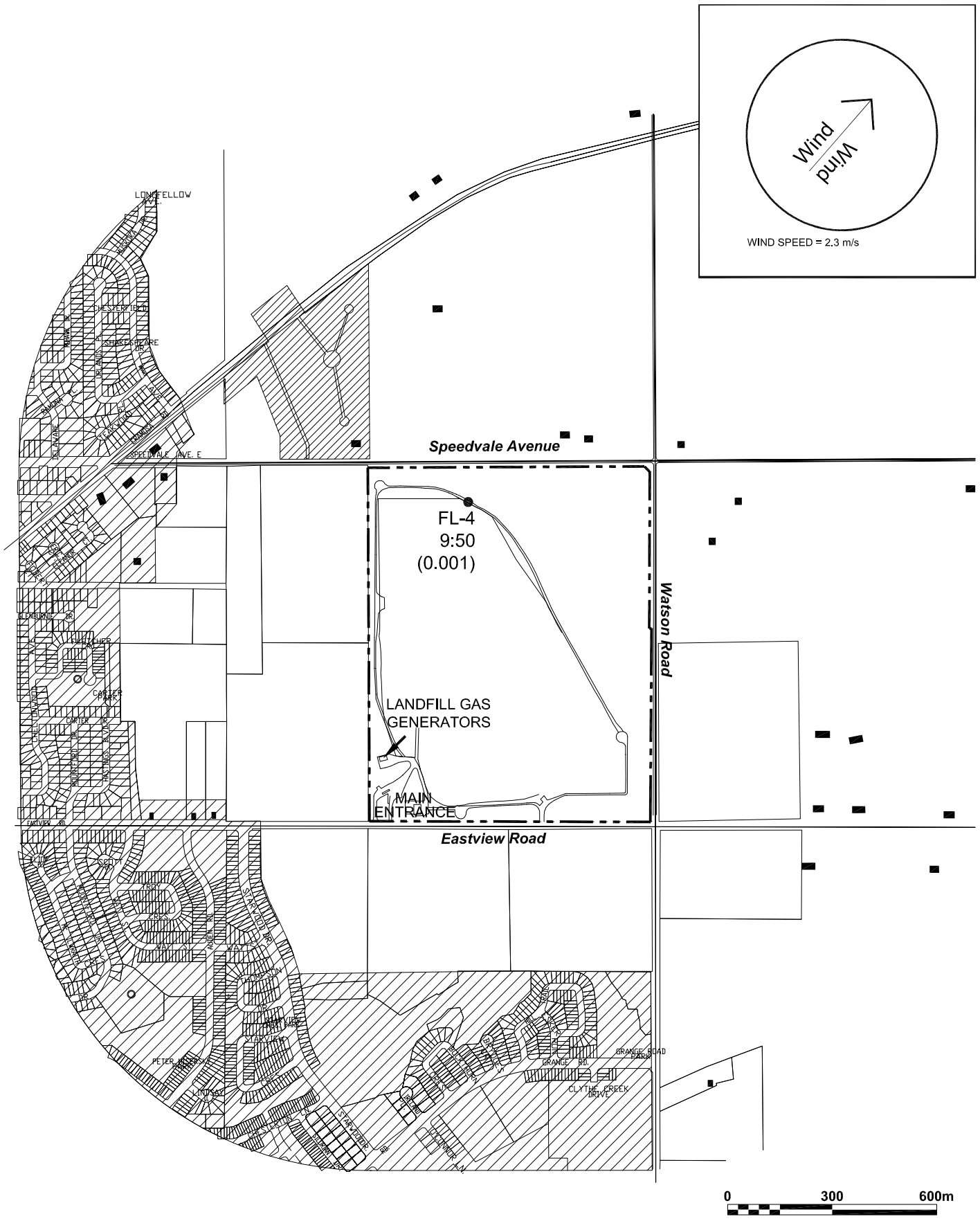
1/2 Hour Sample Concentration Shown in µg/m³
Time Indicates Start of Sample Period
September 6, 2007
Eastview Landfill Site - Guelph, Ontario

Project #W07-5244

True North

Drawn by: KAR	Figure: **7.1.2**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Vinyl Chloride Concentrations and Wind Direction

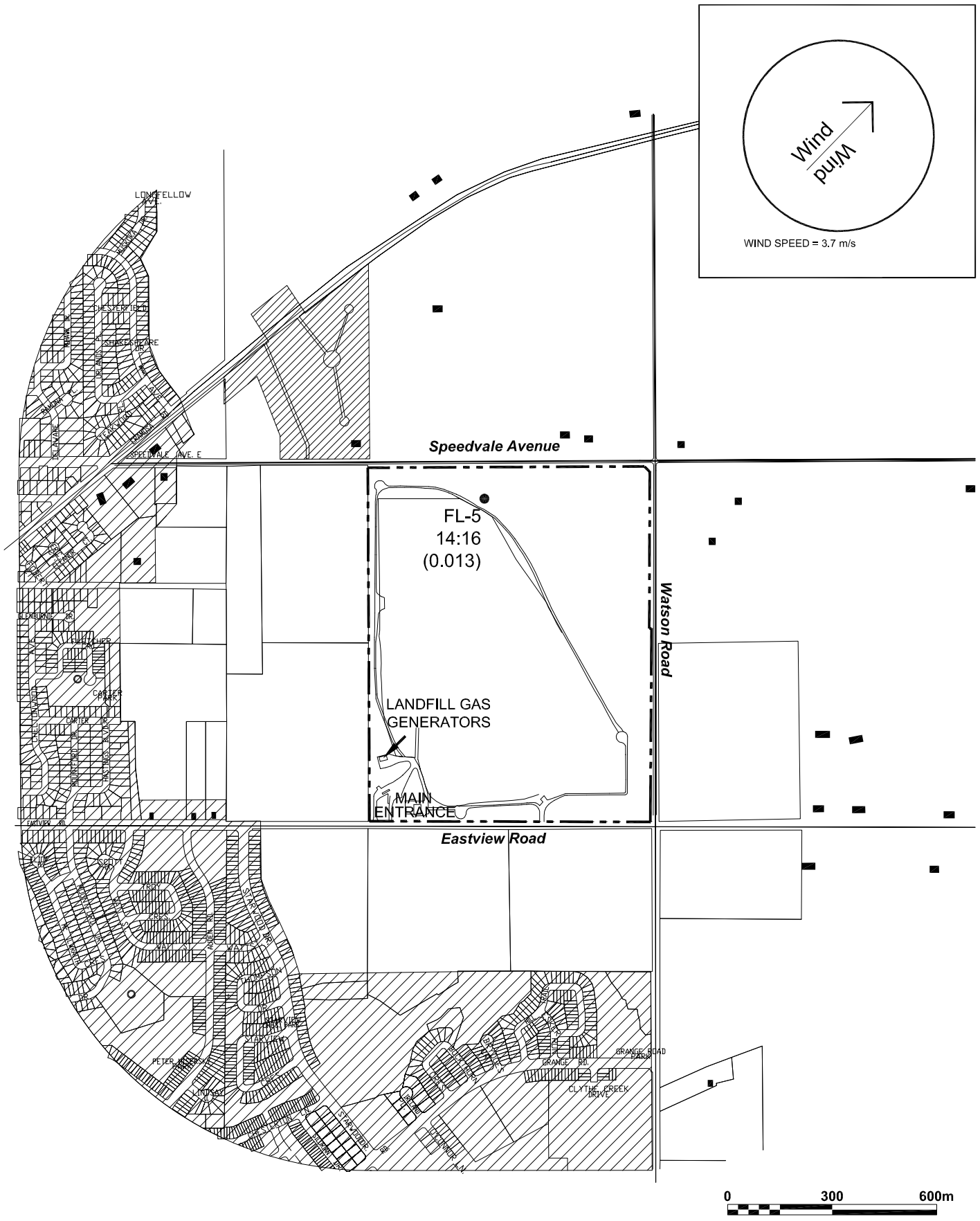
1/2 Hour Sample Concentration Shown in µg/m³
Time Indicates Start of Sample Period
September 13, 2007
Eastview Landfill Site - Guelph, Ontario

True North

Project #W07-5244

Drawn by: KAR	Figure: **7.1.3**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Vinyl Chloride Concentrations and Wind Direction

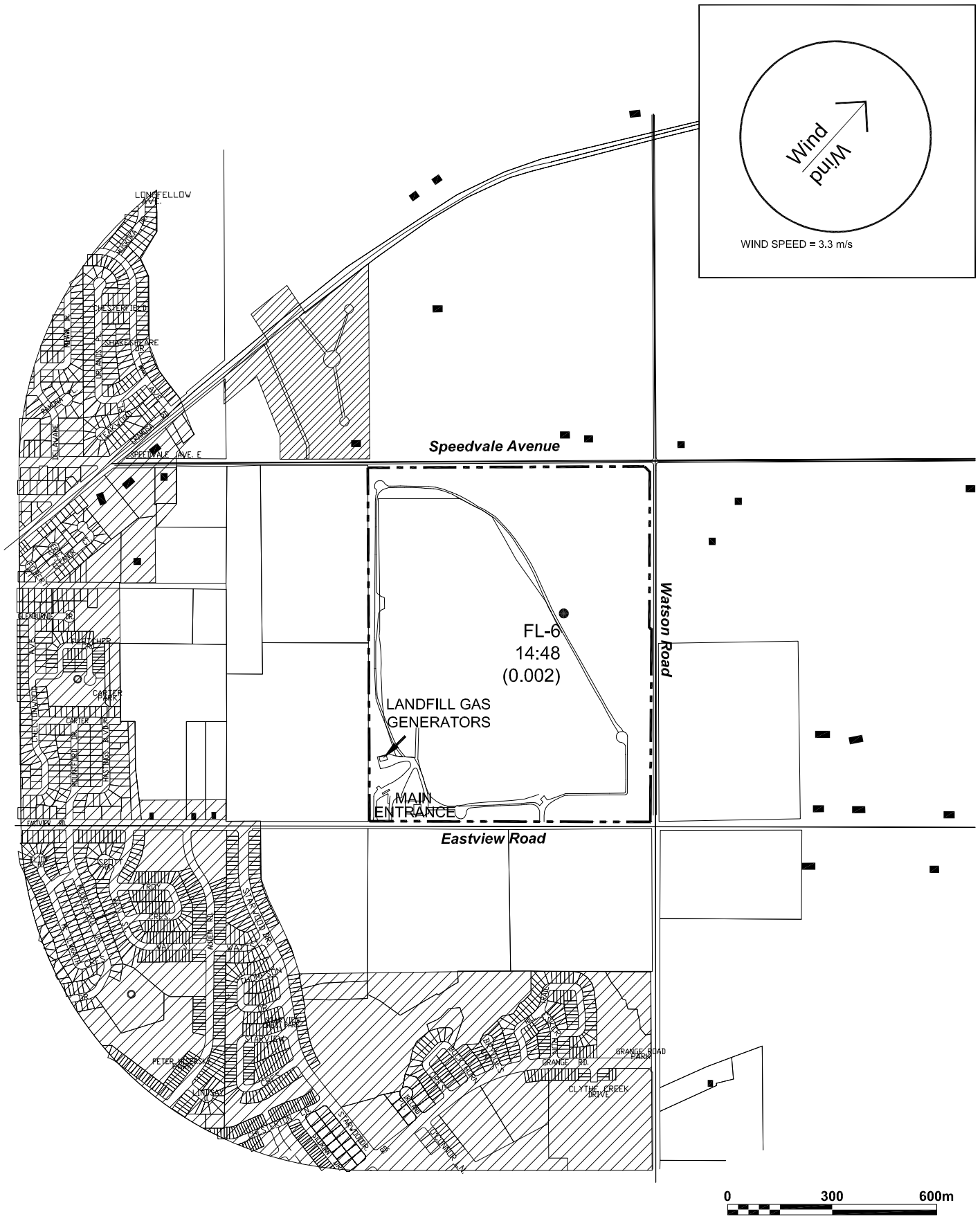
1/2 Hour Sample Concentration Shown in µg/m³
Time Indicates Start of Sample Period
September 17, 2007
Eastview Landfill Site - Guelph, Ontario

True North

Project #W07-5244

Drawn by: KAR	Figure: **7.1.4**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Vinyl Chloride Concentrations and Wind Direction

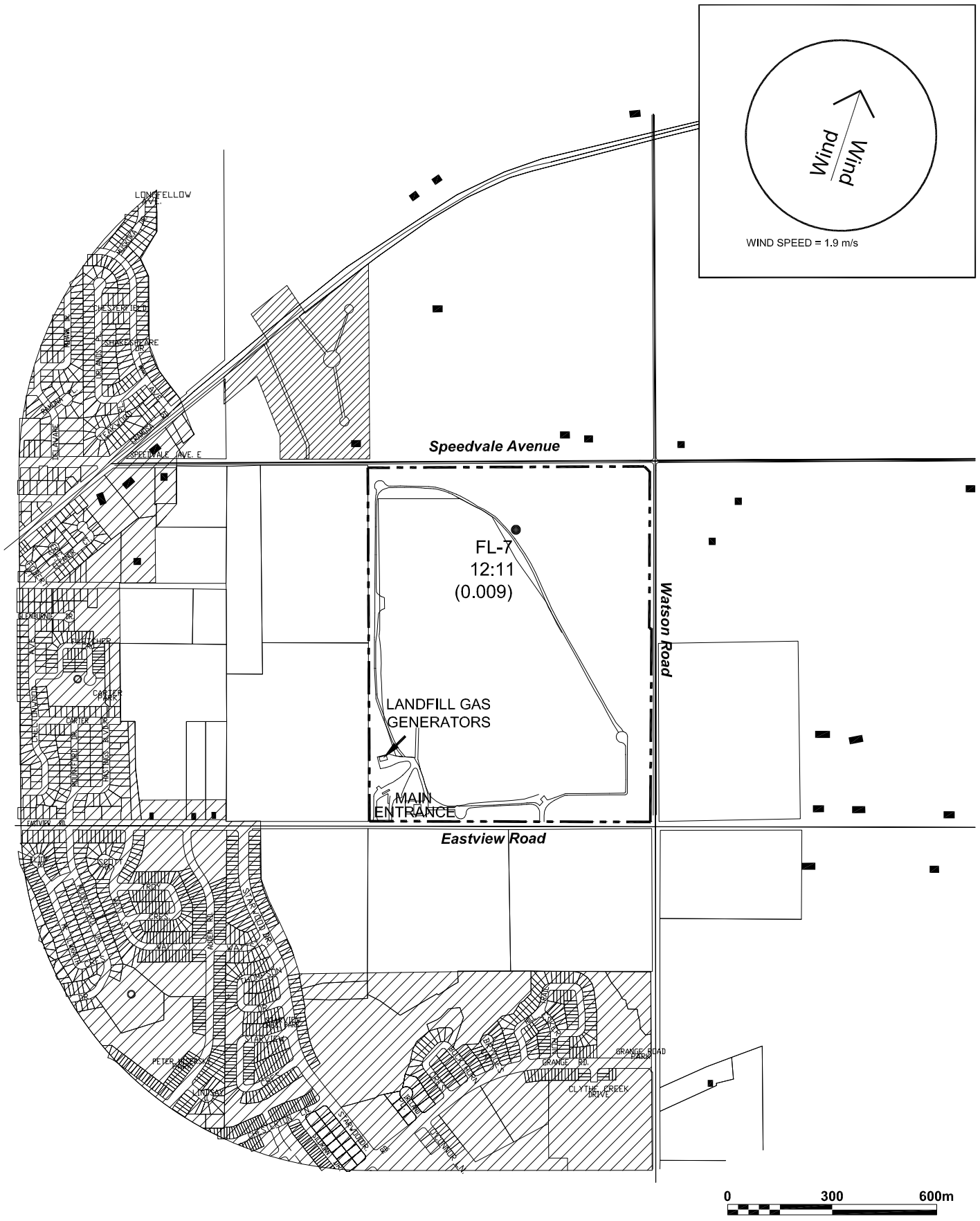
1/2 Hour Sample Concentration Shown in µg/m³
Time Indicates Start of Sample Period
September 18, 2007
Eastview Landfill Site - Guelph, Ontario

True North

Project #W07-5244

Drawn by: KAR	Figure: **7.1.5**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Vinyl Chloride Concentrations and Wind Direction

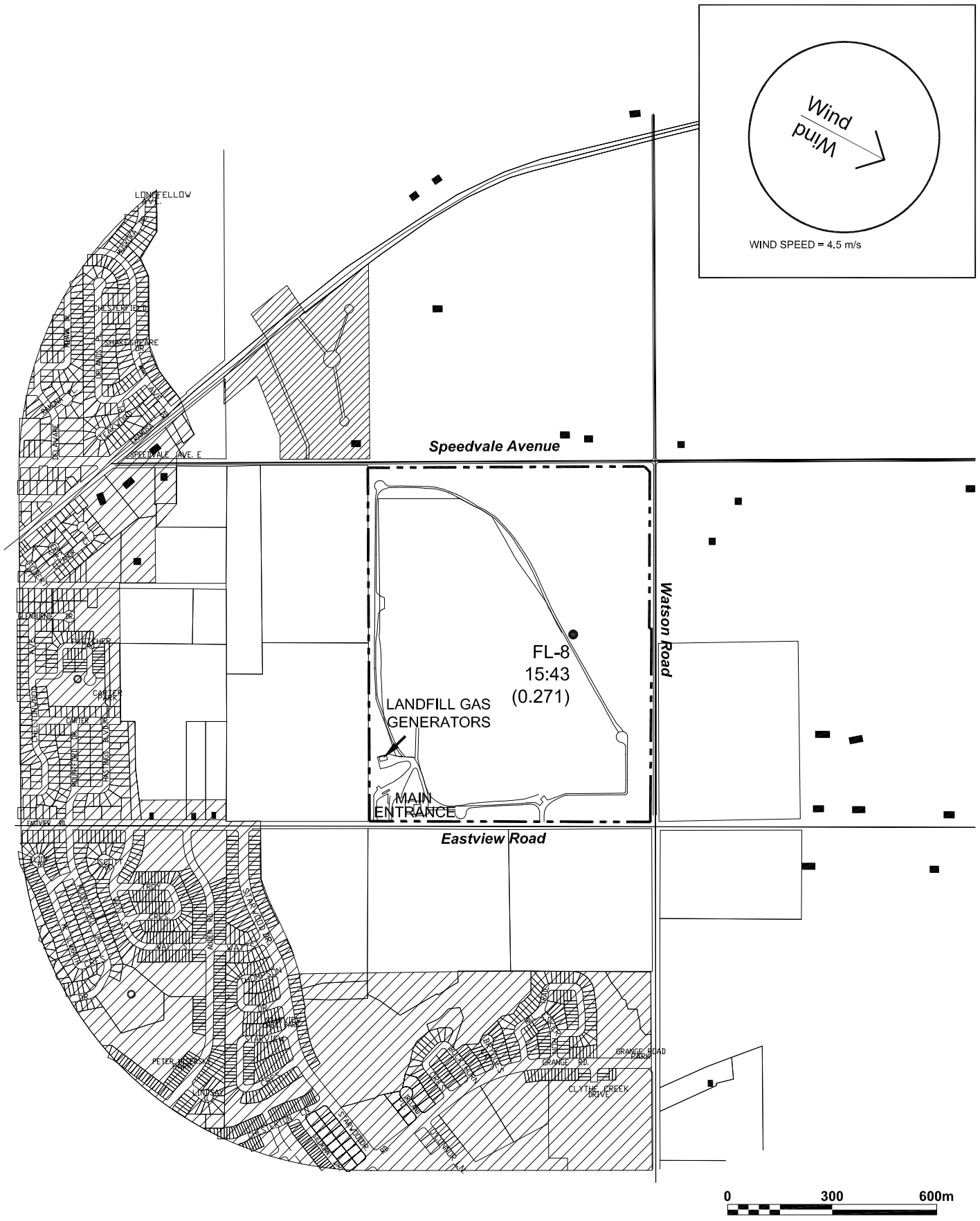
1/2 Hour Sample Concentration Shown in µg/m³
Time Indicates Start of Sample Period
October 5, 2007
Eastview Landfill Site - Guelph, Ontario

Project #W07-5244

True North

Drawn by: KAR	Figure: **7.1.6**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Vinyl Chloride Concentrations and Wind Direction

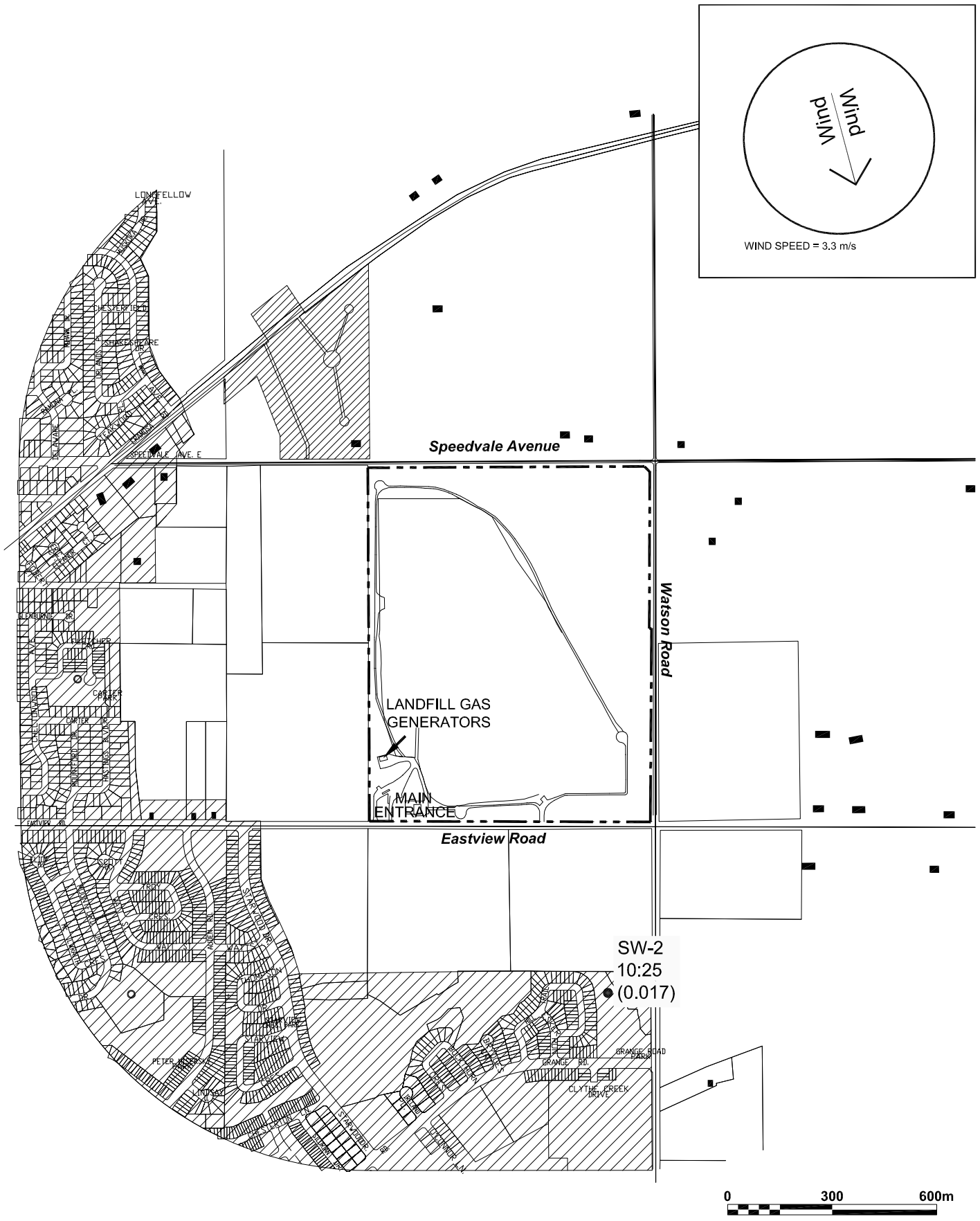
1/2 Hour Sample Concentration Shown in µg/m³
Time Indicates Start of Sample Period
November 27, 2007
Eastview Landfill Site - Guelph, Ontario

True North

Project #W07-5244

Drawn by: KAR	Figure: **7.1.7**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Vinyl Chloride Concentrations and Wind Direction

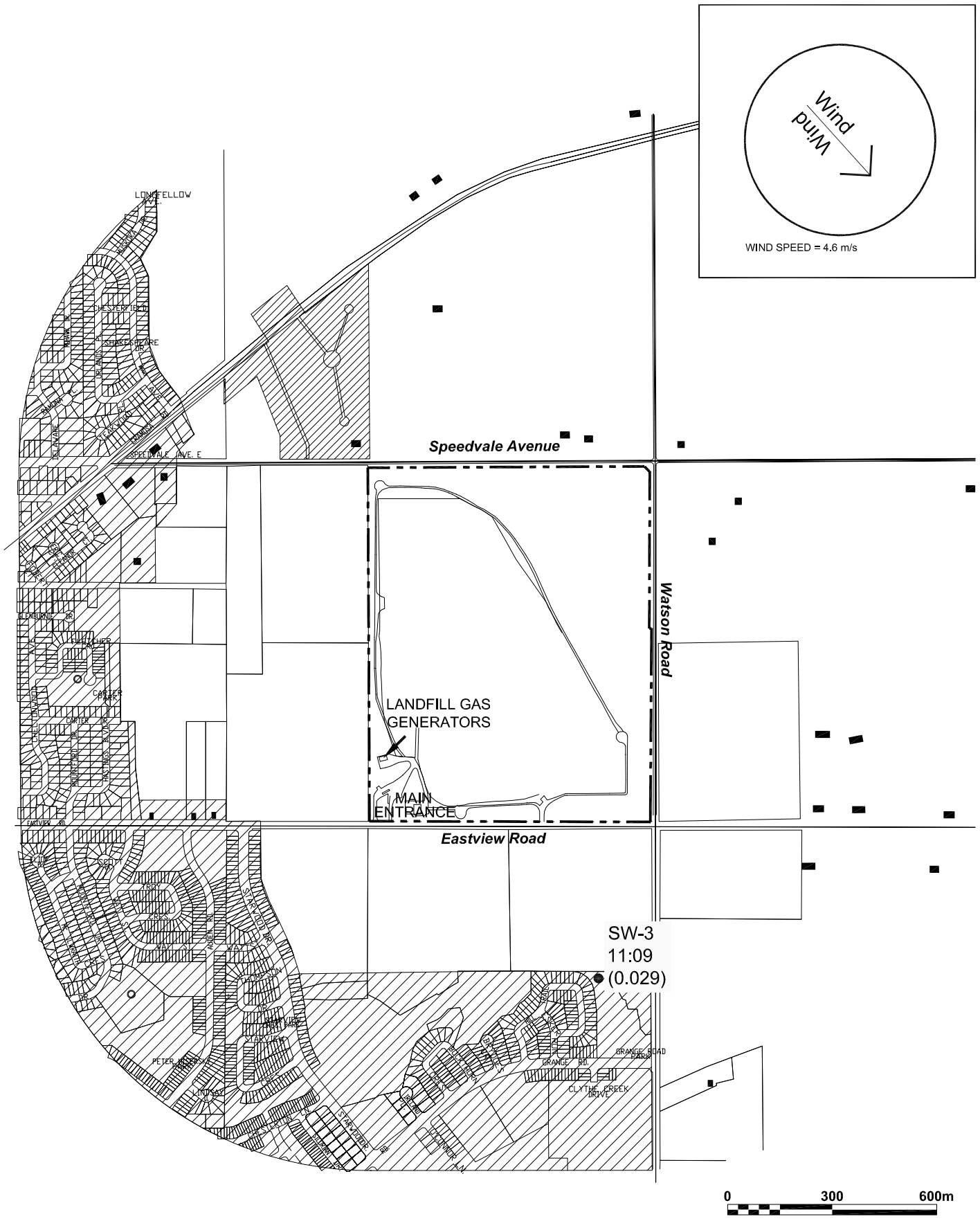
1/2 Hour Sample Concentration Shown in µg/m³
Time Indicates Start of Sample Period
October 14, 2007
Eastview Landfill Site - Guelph, Ontario

Project #W07-5244

True North

Drawn by: KAR	Figure: **7.1.8**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Vinyl Chloride Concentrations and Wind Direction

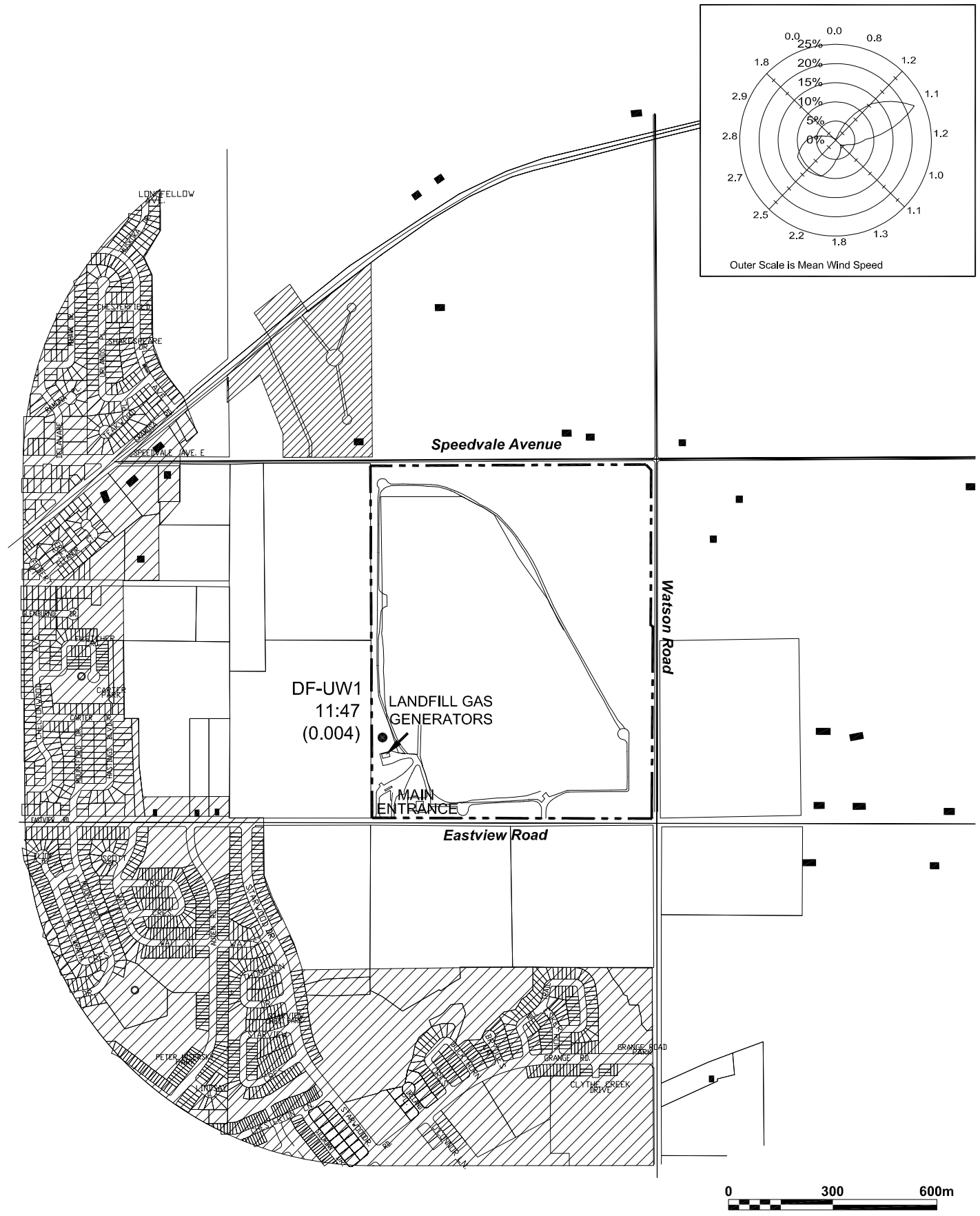
1/2 Hour Sample Concentration Shown in µg/m³
Time Indicates Start of Sample Period
December 8, 2007
Eastview Landfill Site - Guelph, Ontario

True North

Project #W07-5244

Drawn by: KAR	Figure: **7.1.9**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Dioxin and Furan Concentrations and Windrose

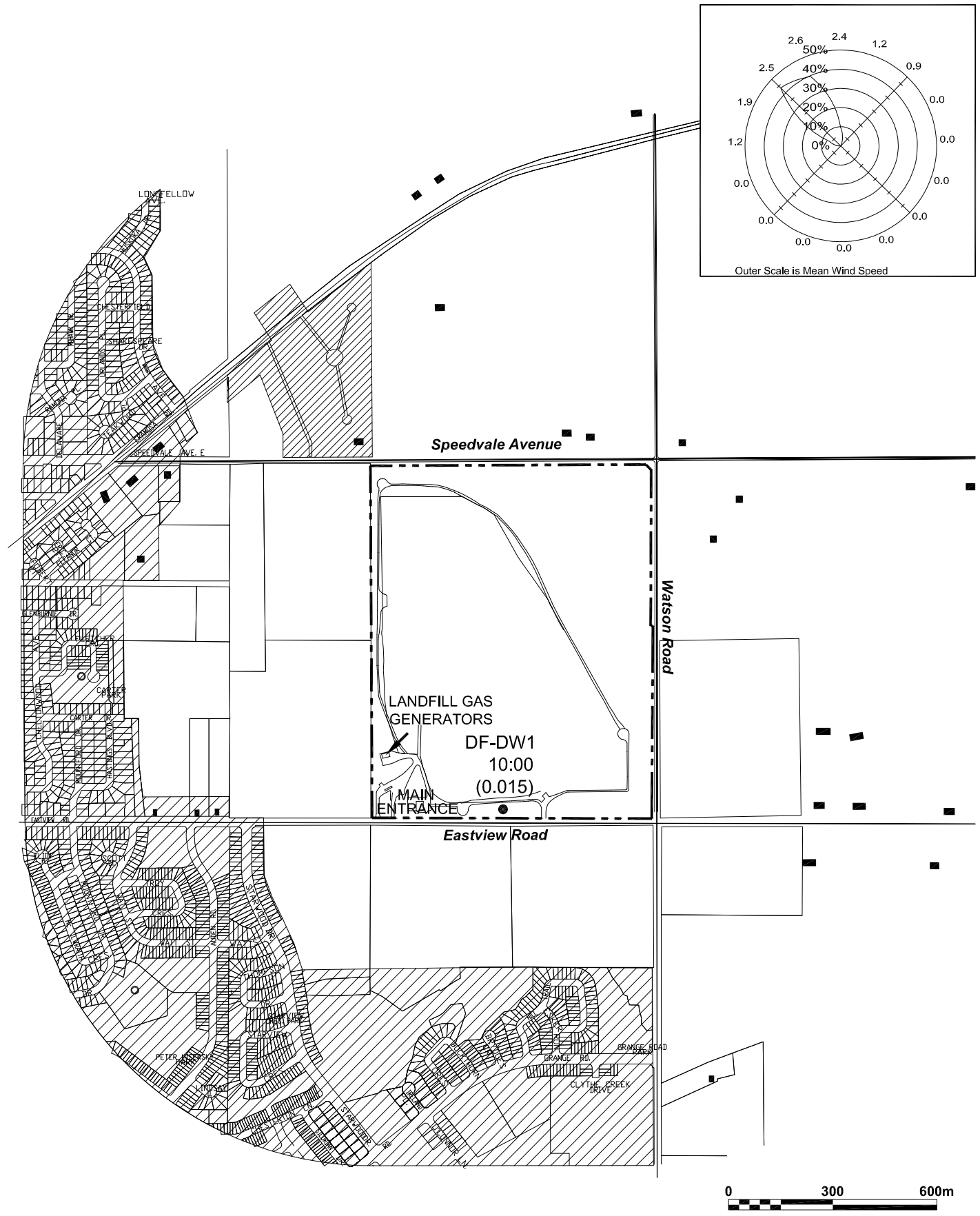
24 Hour Sample Concentration Shown in pg TEQ/m³
Time Indicates Start of Sample Period
October 4-5, 2007
Eastview Landfill Site - Guelph, Ontario

Project #W07-5244

True North

Drawn by: KAR	Figure: **7.1.10**
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



Ambient Dioxin and Furan Concentrations and Windrose

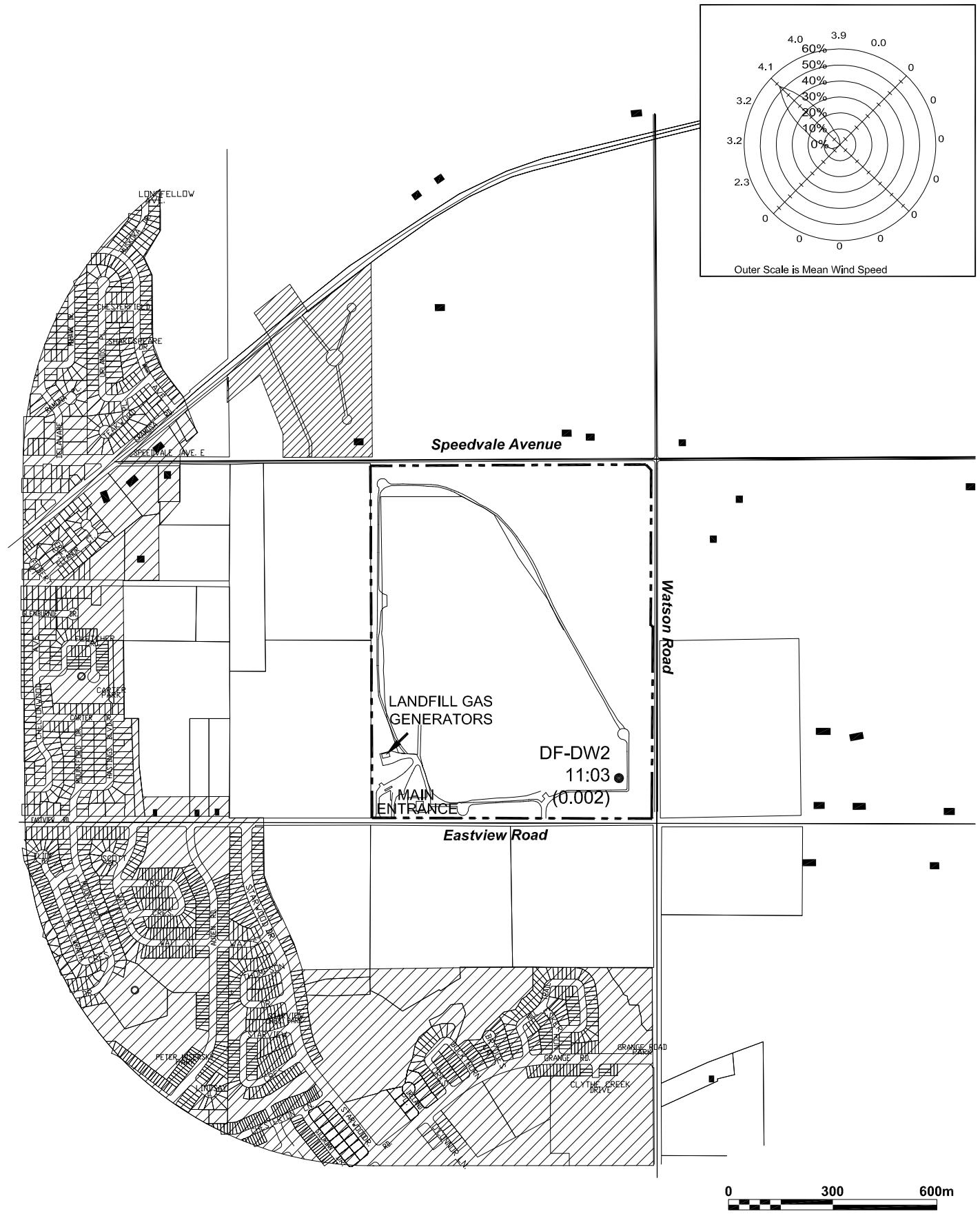
24 Hour Sample Concentration Shown in pg TEQ/m³
Time Indicates Start of Sample Period
November 3-4, 2007
Eastview Landfill Site - Guelph, Ontario

Project #W07-5244

True North

Drawn by: KAR	Figure: 7.1.11
Approx. Scale:	1:15 000
Date Revised:	Feb. 7, 2008

RWDI



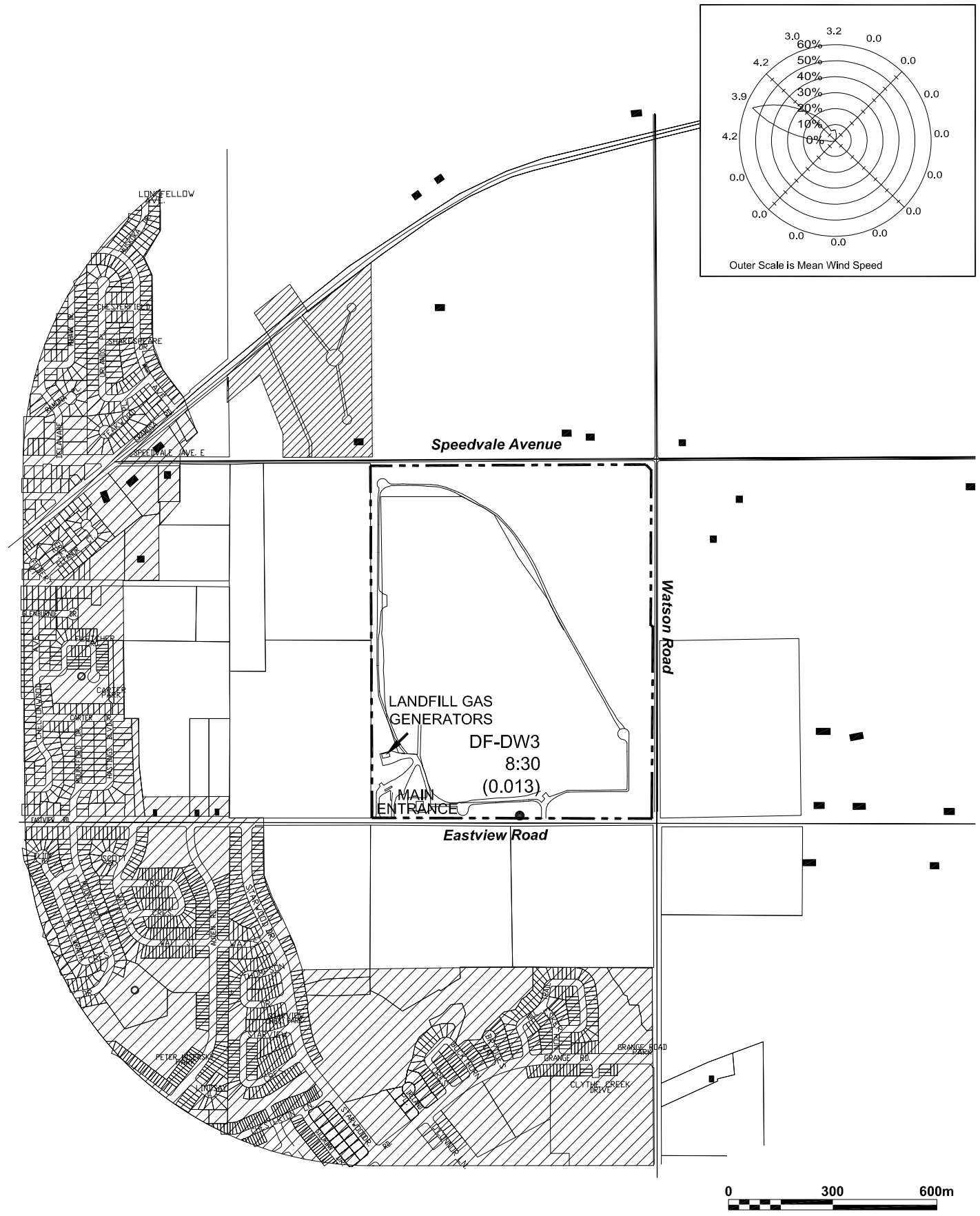
Ambient Dioxin and Furan Concentrations and Windrose

24 Hour Sample Concentration Shown in pg TEQ/m³
Time Indicates Start of Sample Period
November 14-15, 2007
Eastview Landfill Site - Guelph, Ontario

Project #W07-5244

True North

Drawn by: KAR	Figure: **7.1.12**	RWDI
Approx. Scale:	1:15 000	
Date Revised:	Feb. 7, 2008	



Ambient Dioxin and Furan Concentrations and Windrose

24 Hour Sample Concentration Shown in pg TEQ/m³
Time Indicates Start of Sample Period
December 17-18, 2007
Eastview Landfill Site - Guelph, Ontario

Project #W07-5244

True North

Drawn by: KAR	Figure: **7.1.13**	RWDI
Approx. Scale:	1:15 000	
Date Revised:	Feb. 7, 2008	

Appendix G

Detailed Water Budget – 2007

Appendix G

2007 Water Budget Summary for Guelph

Meteorological data for the GRCA meteorological station at the Guelph Dam collected during 2007 have been reviewed with long term data (collected since 1984) from the same location to prepare a water budget for Guelph for 2007.

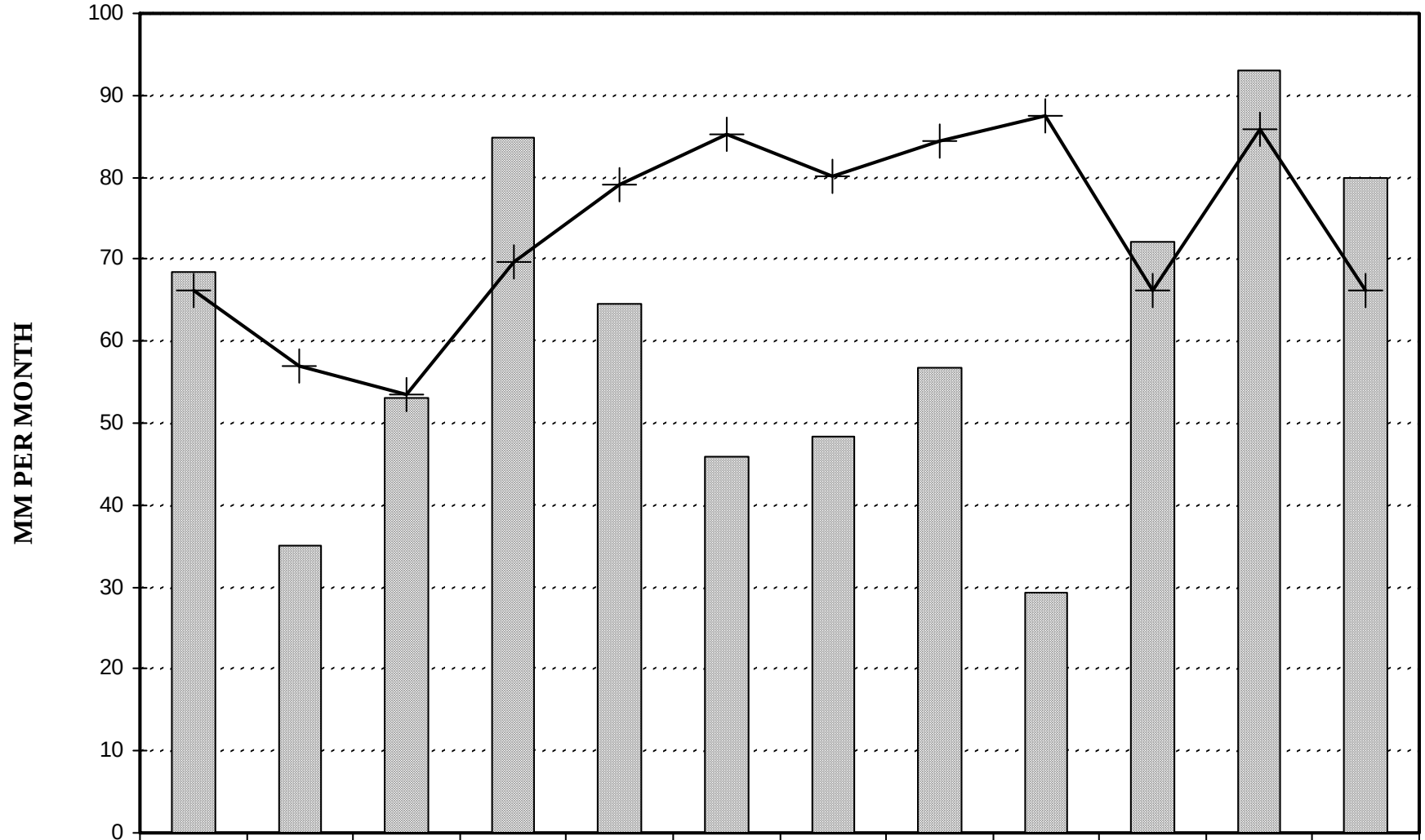
The 2007 annual precipitation Guelph was 1095 mm. On average, the 20 year (1984-2003) annual precipitation at the Guelph Dam is 881 mm. The distribution of the precipitation is shown in Figure G1, together with the average results. 2007 was drier than normal, with May through to September being noticeably dry. April and December experienced slightly more precipitation than normal with the remainder of the months at near normal, Figure G1.

A Water Balance has been prepared for using the method described in Thornthwaite and Mather (1957). The 2007 evapotranspiration is calculated to be 455.9 mm, based on assumed soil moisture storage of 100 mm. The normal evapotranspiration has been estimated to be 566 mm.

The 2007 annual water surplus is calculated to be 275.1 mm, compared to a normal surplus of 316 mm. The water surplus comprises of both the surface runoff and infiltration components of the water balance. Site specific conditions like soils and topography need to be evaluated in order to partition the surplus into surface runoff or infiltration.

Reference:

Thornthwaite C. W., and J. R. Mather, 1957:
Instructions And Tables For Computing Potential Evapotranspiration And The Water Balance; Drexel Institute of Technology, Laboratory of Climatology, Publications In Climatology, Volume X, Number 3, 1957, 311 pp.



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2007	68.4	35	53	84.8	64.6	45.8	48.3	56.8	29.3	72.1	93	79.9
Normal	66.1	57.05	53.57	69.65	79.15	85.17	80.05	84.41	87.53	66.21	85.8	66.2

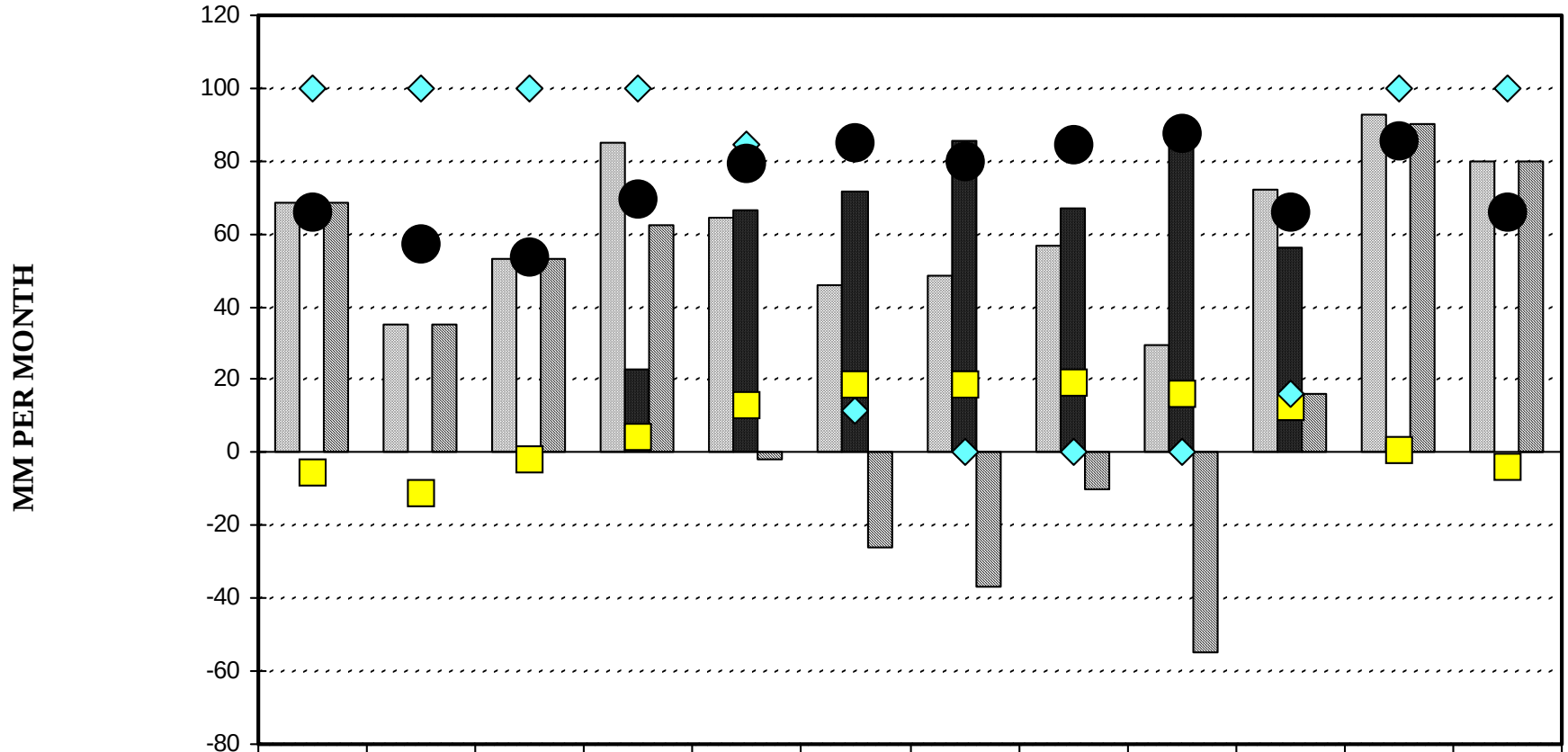
Gartner Lee

Eastview Road Landfill Site

Precipitation Comparison, 2007

FIGURE G-1

80-131
13 Precip Data



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Precipitation	68.4	35	53	84.8	64.6	45.8	48.3	56.8	29.3	72.1	93	79.9
Evapotranspiration	0	0	0	22.6	66.6	71.8	85.3	66.8	84	56	2.8	0
Surplus Water	68.4	35	53	62.2	-2	-26	-37	-10	-54.7	16.1	90.2	79.9
Temperature	-5.55	-11.21	-1.63	4.57	12.99	18.52	18.83	19.46	16.39	12.39	0.94	-4.15
Soil Moisture	100	100	100	100	84.6	11.6	0	0	0	16.1	100	100
Normal Precipitation	66.1	57.05	53.57	69.65	79.15	85.17	80.05	84.41	87.53	66.21	85.8	66.2

Gartner Lee

Eastview Road Landfill Site

Detailed Water Balance

Guelph Lakes Dam, 2007

FIGURE G-2

80-131

13 Precip Surplus Data

Appendix H

City of Guelph Letter

THE CITY OF
Guelph

ENVIRONMENTAL SERVICES DEPARTMENT
Waterworks Division
City Hall, 59 Carden Street
Guelph, Ontario, Canada N1H 3A1
(offices located at 29 Waterworks Place)
Telephone: (519) 837-5627 Fax: (519) 822-8837
www.guelph.ca/waterworks

March 25, 2008
Gartner Lee Limited
300 Town Centre Blvd., Ste 300
Markham, ON L3R 5Z6
Attention: Terry LaChapelle

Dear Terry,

RE: Eastview Road Landfill Site, Condition 17.10 of Amended Certificate of Approval #A170101

Pursuant to Condition 17.10 of the Ministry of the Environment's Provisional Certificate of Approval for a Waste Disposal Site, No. A170101, please be advised that, during 2007, the pumping for the municipal wells in the Northeast Quadrant of the City near the Eastview Road landfill Site was within the historical pumping range.
Please find below a table listing the combined total annual pumpage since 1988 for the municipal wells located in the Northeast quadrant. These wells include the Park wells, Emma well, Helmar well, Clythe well, and Eastview well. The Eastview well was last operated as a municipal supply well in 1988.

Northeast Yearly Total Pumpage Summary in Cubic Metres

Date	Park	Emma	Helmar	Eastview	Clythe	Total
1988	2,258,976	232,109	472,027	226,375	0	3,189,487
1989	1,728,084	72,981	130,681	0	0	1,931,746
1990	1,200,259	116,738	2,030	0	378,288	1,697,315
1991	1,195,801	151,344	29,101	0	541,567	1,917,813
1992	928,653	323,544	0	0	525,443	1,777,640
1993	891,617	130,121	37,720	0	110,879	1,170,337
1994	1,558,890	310,761	15,361	0	449,852	2,334,864
1995	1,376,021	323,705	120,912	0	445,747	2,266,385
1996	1,043,067	135,697	107,350	0	485,297	1,771,411
1997	804,472	339,713	0	0	0	1,144,185
1998	1,596,679	298,113	87,483	0	23,344	2,005,619
1999	1,874,595	135,767	533,049	0	5,693	2,549,104
2000	1,939,923	133,335	480,335	0	0	2,553,593
2001	2,155,110	249,265	603,499	0	0	3,007,874
2002	1,842,069	332,225	488,843	0	0	2,663,137
2003	1,778,537	876,852	344,736	0	0	3,000,125
2004	1,550,849	606,618	240,673	0	0	2,398,140
2005	1,694,300	742,938	390,480	0	0	2,827,718
2006	1,799,198	883,785	378,818	0	0	3,061,801
2007	1,727,419	740,179	359,768	0	0	2,827,366

From the table, the total combined pumpage of these wells ranged from 1,144,185 cubic metres in 1997 to 3,189,487 in 1988, with the 2007 pumpage of 2,827,366 cubic metres falling within this range.

Please call me at (519-837-5627) if you require additional information on our pumpages or on the proposed monitoring program.

Sincerely Yours,

Kier Taylor ,
Compliance Co-Ordinator

cc: Janet Laird, Dave Belanger, Peter Busatto, Vince Suffoletta

Daily flows - PTTW General 2007
01 January 2007 to 31 December 2007

Guelph Waterworks

January, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,794	2,420	1,088	0
2	4,613	2,502	1,088	0
3	4,751	2,539	1,086	0
4	4,750	2,539	1,085	0
5	4,746	2,538	1,084	0
6	4,741	2,539	1,089	0
7	4,744	2,539	1,093	0
8	4,719	2,539	1,087	0
9	4,720	2,542	1,092	0
10	3,801	2,542	1,090	0
11	3,382	2,525	1,097	0
12	4,755	2,566	1,084	0
13	4,737	2,551	1,085	0
14	4,731	2,547	1,088	0
15	4,619	2,558	1,081	0
16	4,762	2,548	1,088	0
17	4,754	2,542	1,082	0
18	4,758	2,545	1,082	0
19	4,750	2,541	1,067	0
20	4,744	2,539	1,069	0
21	4,743	2,538	1,074	0
22	4,768	2,541	1,070	0
23	4,770	2,542	1,068	0
24	4,766	2,541	1,070	0
25	4,771	2,539	1,070	0
26	4,766	2,539	1,066	0
27	4,721	2,539	1,066	0
28	4,750	2,539	1,077	0
29	4,446	2,540	1,083	0
30	4,775	2,546	1,074	0
31	4,758	2,546	1,072	0

Average	4,658	2,537	1,080	0
Minimum	3382	2420	1066	0
Maximum	4794	2566	1097	0
Count	31	31	31	31
Total	144405	78651	33495	0

Daily flows - PTTW General 2007

01 January 2007 to 31 December 2007

Guelph Waterworks

February, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,755	2,543	1,074	0
2	4,752	2,548	1,069	0
3	4,750	2,540	1,084	0
4	4,747	2,543	1,076	0
5	4,607	2,543	1,070	0
6	4,725	2,542	1,070	0
7	4,755	1,955	1,070	0
8	4,755	2,562	1,074	0
9	4,746	2,561	1,073	0
10	4,749	2,540	1,077	0
11	4,743	2,472	1,081	0
12	4,751	2,105	1,077	0
13	4,852	0	1,076	0
14	4,963	0	1,077	0
15	4,963	1,322	1,072	0
16	4,987	0	1,070	0
17	5,005	0	1,074	0
18	5,018	0	1,083	0
19	4,828	0	1,075	0
20	4,972	0	1,074	0
21	4,966	0	562	0
22	4,957	0	0	0
23	4,905	2,194	967	0
24	4,807	2,572	1,070	0
25	4,779	2,562	1,074	0
26	4,721	2,550	1,071	0
27	4,714	2,546	1,070	0
28	4,704	2,543	1,073	0

Average	4,821	1,634	1,014	0
Minimum	4607	0	0	0
Maximum	5018	2572	1084	0
Count	28	28	28	28
Total	134976	45743	28383	0

Daily flows - PTTW General 2007

01 January 2007 to 31 December 2007

Guelph Waterworks

March, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,692	1,972	1,071	0
2	4,715	2,428	1,072	0
3	4,706	2,534	1,073	0
4	4,903	2,533	1,076	0
5	4,585	2,532	1,070	0
6	4,733	2,532	1,072	0
7	4,734	2,531	1,076	0
8	4,731	2,531	1,072	0
9	4,725	2,531	1,073	0
10	4,724	2,530	1,076	0
11	4,528	2,425	1,036	0
12	4,724	2,531	1,074	0
13	4,737	2,530	1,074	0
14	4,729	2,530	1,072	0
15	4,736	2,530	1,072	0
16	4,734	2,530	1,072	0
17	4,738	2,531	1,075	0
18	4,744	2,531	1,079	0
19	4,592	2,385	1,071	0
20	4,735	2,121	1,070	0
21	4,727	2,536	1,072	0
22	4,729	2,535	1,071	0
23	4,724	2,534	1,070	0
24	4,724	2,532	1,075	0
25	4,727	2,532	1,082	0
26	4,726	2,533	1,074	0
27	4,729	2,534	1,073	0
28	4,735	2,533	1,074	0
29	4,738	2,533	1,074	0
30	4,743	2,534	1,074	0
31	4,736	2,534	1,075	0

Average	4,719	2,489	1,072	0
Minimum	4528	1972	1036	0
Maximum	4903	2536	1082	0
Count	31	31	31	31
Total	146283	77168	33240	0

Daily flows - PTTW General 2007

01 January 2007 to 31 December 2007

Guelph Waterworks

April, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,740	2,313	1,078	0
2	4,759	2,361	1,074	0
3	4,760	2,536	1,076	0
4	4,761	2,535	1,072	0
5	4,767	2,535	1,068	0
6	4,760	2,535	1,082	0
7	4,758	2,535	1,078	0
8	4,759	2,535	1,082	0
9	4,759	2,534	1,083	0
10	4,613	2,533	1,082	0
11	4,741	2,533	1,078	0
12	4,743	2,534	1,082	0
13	4,744	2,482	1,074	0
14	4,722	2,531	1,078	0
15	4,738	2,532	1,083	0
16	4,708	2,532	1,064	0
17	4,722	2,532	1,044	0
18	4,757	2,421	1,071	0
19	4,759	2,531	864	0
20	4,759	2,358	1,090	0
21	4,751	2,527	1,000	0
22	4,750	2,529	996	0
23	4,599	2,529	988	0
24	4,722	2,529	987	0
25	4,722	2,528	988	0
26	4,721	2,529	989	0
27	4,745	2,530	988	0
28	4,636	2,530	994	0
29	4,546	2,531	1,000	0
30	4,720	2,531	992	0

Average	4,725	2,508	1,041	0
Minimum	4546	2313	864	0
Maximum	4767	2536	1090	0
Count	30	30	30	30
Total	141741	75231	31225	0

Daily flows - PTTW General 2007

01 January 2007 to 31 December 2007

Guelph Waterworks

May, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,801	2,531	995	0
2	4,789	2,531	998	0
3	4,800	2,411	997	0
4	4,726	2,531	994	0
5	4,726	2,531	1,008	0
6	4,760	2,530	1,005	0
7	4,615	2,531	999	0
8	4,755	2,532	1,000	0
9	4,753	2,531	994	0
10	4,758	2,531	995	0
11	4,753	2,531	997	0
12	4,750	2,531	998	0
13	3,876	2,533	1,008	0
14	4,764	2,534	1,008	0
15	4,726	2,533	992	0
16	4,746	2,532	982	0
17	4,840	2,532	986	0
18	4,815	2,531	980	0
19	4,805	2,531	986	0
20	2,933	2,544	995	0
21	3,685	2,550	1,002	0
22	4,436	2,549	986	0
23	4,742	2,537	991	0
24	4,777	2,535	992	0
25	4,767	2,532	987	0
26	4,761	2,531	987	0
27	4,760	2,532	982	0
28	4,811	2,532	979	0
29	4,808	2,531	985	0
30	4,808	2,531	985	0
31	4,431	1,383	984	0

Average	4,622	2,492	993	0
Minimum	2933	1383	979	0
Maximum	4840	2550	1008	0
Count	31	31	31	31
Total	143277	77265	30777	0

June, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,967	1,837	975	0
2	4,900	2,532	980	0
3	4,851	2,530	982	0
4	4,860	2,528	975	0
5	4,822	2,527	976	0
6	4,806	2,525	978	0
7	4,360	2,526	979	0
8	4,599	2,530	977	0
9	4,726	2,529	975	0
10	4,746	2,357	983	0
11	4,759	2,532	987	0
12	4,752	2,531	997	0
13	4,744	2,531	989	0
14	4,724	2,530	629	0
15	4,753	2,530	0	0
16	4,758	2,530	910	0
17	3,782	2,388	1,008	0
18	4,750	2,385	931	0
19	4,756	2,480	935	0
20	4,764	2,532	974	0
21	4,764	2,532	976	0
22	4,756	2,531	974	0
23	4,741	2,531	978	0
24	4,293	2,530	994	0
25	4,038	2,533	994	0
26	4,762	2,509	987	0
27	4,624	2,157	977	0
28	4,759	2,530	979	0
29	4,752	2,528	980	0
30	231	2,530	978	0

Average	4,530	2,477	932	0
Minimum	231	1837	0	0
Maximum	4967	2533	1008	0
Count	30	30	30	30
Total	135899	74301	27957	0

Daily flows - PTTW General 2007

01 January 2007 to 31 December 2007

Guelph Waterworks

July, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	3	2,646	978	0
2	4,038	2,577	977	0
3	4,847	2,545	980	0
4	4,790	2,535	974	0
5	4,637	2,465	745	0
6	4,637	2,465	745	0
7	4,748	2,530	979	0
8	4,741	2,529	975	0
9	4,781	2,529	973	0
10	4,782	2,528	975	0
11	4,782	2,408	975	0
12	4,783	2,525	975	0
13	4,775	2,523	973	0
14	4,769	2,524	971	0
15	4,768	2,524	965	0
16	4,725	2,524	965	0
17	4,738	2,524	978	0
18	4,737	2,523	976	0
19	4,738	2,521	971	0
20	4,713	2,521	970	0
21	4,732	2,522	973	0
22	4,730	2,521	991	0
23	4,750	2,521	903	0
24	4,760	2,520	868	0
25	4,758	2,518	975	0
26	4,766	2,516	971	0
27	4,762	2,516	968	0
28	4,759	2,518	967	0
29	4,755	2,511	981	0
30	4,595	2,515	981	0
31	4,735	2,512	984	0

Average	4,569	2,521	954	0
Minimum	3	2408	745	0
Maximum	4847	2646	991	0
Count	31	31	31	31
Total	141634	78156	29582	0

Daily flows - PTTW General 2007

01 January 2007 to 31 December 2007

Guelph Waterworks

August, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,731	2,508	989	0
2	3,154	2,509	974	0
3	4,597	2,529	969	0
4	4,753	2,524	970	0
5	4,739	2,517	970	0
6	4,736	2,505	987	0
7	4,575	2,512	967	0
8	4,705	2,511	967	0
9	4,699	2,509	964	0
10	4,697	2,510	967	0
11	4,700	2,509	972	0
12	4,694	2,500	974	0
13	4,716	2,508	974	0
14	4,738	2,505	975	0
15	4,729	2,503	972	0
16	4,707	2,502	975	0
17	4,728	2,503	972	0
18	4,726	2,502	973	0
19	4,725	2,499	978	0
20	4,558	2,505	966	0
21	4,700	2,503	852	0
22	4,702	2,498	985	0
23	4,750	2,496	968	0
24	4,707	2,116	967	0
25	4,781	0	995	0
26	4,914	0	791	0
27	4,829	1	969	0
28	4,883	2	964	0
29	4,832	2,209	47	0
30	4,778	2,533	664	0
31	4,749	2,529	764	0

Average	4,678	2,163	917	0
Minimum	3154	0	47	0
Maximum	4914	2533	995	0
Count	31	31	31	31
Total	145032	67057	28421	0

Daily flows - PTTW General 2007

01 January 2007 to 31 December 2007

Guelph Waterworks

September, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,738	2,525	746	0
2	4,610	2,521	1,004	0
3	4,455	2,523	889	0
4	4,735	2,442	989	0
5	4,736	2,162	1,020	0
6	4,733	2,524	1,024	0
7	4,601	2,521	1,017	0
8	4,699	2,520	975	0
9	4,708	2,518	999	0
10	4,752	2,512	994	0
11	4,230	2,346	994	0
12	4,766	2,522	995	0
13	4,754	2,517	995	0
14	4,748	2,514	992	0
15	4,707	1,338	992	0
16	4,834	3	1,015	0
17	4,339	2,456	993	0
18	4,756	2,531	993	0
19	4,741	2,524	743	0
20	4,741	2,519	743	0
21	4,726	2,514	983	0
22	4,726	2,508	950	0
23	4,721	2,503	989	0
24	4,719	2,500	984	0
25	4,720	2,494	982	0
26	4,719	2,491	979	0
27	4,713	2,493	978	0
28	4,724	0	978	0
29	4,763	0	980	0
30	4,813	1	985	0

Average	4,691	2,118	963	0
Minimum	4230	0	743	0
Maximum	4834	2531	1024	0
Count	30	30	30	30
Total	140727	63542	28900	0

Daily flows - PTTW General 2007

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Guelph Waterworks

October, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,967	0	980	0
2	4,999	1	979	0
3	4,993	0	978	0
4	4,995	0	981	0
5	4,991	0	978	0
6	5,000	0	978	0
7	5,010	0	977	0
8	5,020	0	984	0
9	5,008	0	976	0
10	5,010	0	977	0
11	4,863	0	978	0
12	5,013	0	977	0
13	5,023	0	980	0
14	5,027	0	984	0
15	4,762	0	978	0
16	4,906	0	980	0
17	4,908	0	978	0
18	4,909	0	977	0
19	4,796	0	975	0
20	4,796	0	970	0
21	4,905	0	986	0
22	4,894	0	979	0
23	4,899	0	978	0
24	4,962	0	983	0
25	5,025	0	977	0
26	5,024	0	976	0
27	5,029	0	979	0
28	5,025	0	983	0
29	5,024	0	979	0
30	5,025	0	978	0
31	5,014	0	977	0

Average	4,962	0	979	0
Minimum	4762	0	970	0
Maximum	5029	1	986	0
Count	31	31	31	31
Total	153822	1	30340	0

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Guelph Waterworks

November, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	5,016	0	978	0
2	5,018	0	979	0
3	5,021	0	981	0
4	5,021	0	983	0
5	4,789	0	978	0
6	4,929	0	978	0
7	4,975	0	978	0
8	5,029	0	784	0
9	5,027	0	852	0
10	5,023	0	977	0
11	5,027	0	981	0
12	5,021	0	970	0
13	5,020	0	976	0
14	5,017	0	937	0
15	5,014	0	958	0
16	5,019	0	955	0
17	5,220	0	958	0
18	5,026	0	963	0
19	4,383	2,235	958	0
20	4,578	2,409	958	0
21	4,555	2,499	959	0
22	4,683	2,492	957	0
23	4,674	2,489	956	0
24	4,669	2,487	955	0
25	4,657	2,453	961	0
26	4,925	2,455	957	0
27	5,003	2,368	959	0
28	4,989	2,412	935	0
29	4,962	2,407	1,032	0
30	4,955	2,402	1,032	0

Average	4,908	970	960	0
Minimum	4383	0	784	0
Maximum	5220	2499	1032	0
Count	30	30	30	30
Total	147245	29108	28785	0

Daily flows - PTTW General 2007

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Guelph Waterworks

December, 2007	Daily Pumpages			
	02 Park Daily Total Volume (cu.m)	10 Emma Daily Total Volume (cu.m)	12 Helmar Daily Total Volume (cu.m)	14 Clythe Well Daily Total Volume (cu.m)
1	4,940	2,403	1,034	0
2	4,935	2,401	1,037	0
3	4,503	2,400	1,034	0
4	4,596	2,403	1,033	0
5	4,604	2,245	1,032	0
6	4,602	2,439	1,033	0
7	4,608	2,426	1,030	0
8	4,604	2,417	1,033	0
9	4,605	2,419	1,035	0
10	4,605	2,422	1,033	0
11	4,605	2,420	1,033	0
12	5,019	2,408	1,032	0
13	5,693	2,402	1,031	0
14	5,651	2,394	1,030	0
15	5,716	2,221	1,032	0
16	4,793	2,392	1,034	0
17	5,482	2,156	544	0
18	5,729	2,397	0	0
19	5,717	2,384	0	0
20	4,430	2,394	339	0
21	5,193	2,399	1,007	0
22	4,777	2,399	1,028	0
23	4,801	2,399	1,027	0
24	4,796	2,399	1,028	0
25	4,802	2,401	1,020	0
26	4,825	2,403	1,024	0
27	4,632	2,402	1,024	0
28	4,779	2,402	1,022	0
29	4,779	2,402	1,025	0
30	4,783	2,405	1,025	0
31	4,774	2,402	1,024	0

Average	4,915	2,386	925	0
Minimum	4430	2156	0	0
Maximum	5729	2439	1037	0
Count	31	31	31	31
Total	152378	73956	28663	0